
METROPOLITAN AREA PROFILES

Atlanta, GA



Metro area population, 2002
4,386,330
Percent of population covered
by DAWN
64%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Barrow County					51,016
2. Bartow County					82,607
3. Carroll County					94,907
4. Cherokee County					159,295
5. Clayton County					252,733
6. Cobb County	19	19	—	472	651,485
7. Coweta County					97,771
8. DeKalb County	33	20	13	1,701	676,996
9. Douglas County					98,650
10. Fayette County					96,611
11. Forsyth County					116,924
12. Fulton County*	156	85	71	1,326	825,431
13. Gwinnett County	30	15	15	928	650,771
14. Henry County					139,699
15. Newton County					71,594
16. Paulding County					94,184
17. Pickens County					25,619
18. Rockdale County					73,558
19. Spalding County					59,410
20. Walton County					67,069
Total participating (4)	238	139	99	4,427	2,804,683

Shaded areas did not participate in DAWN in 2002.
* Indicates area featured in Spotlight section.

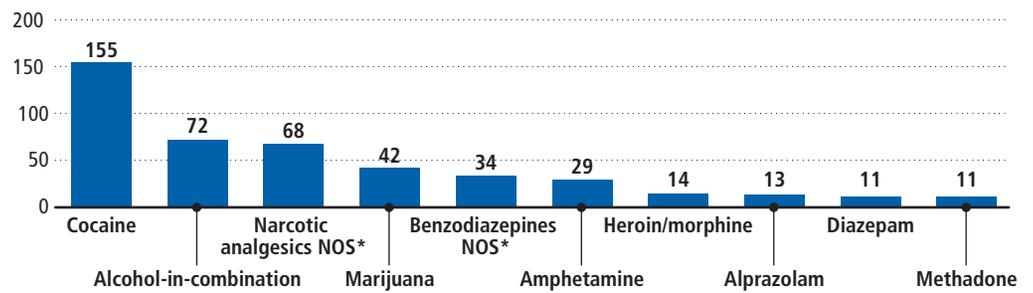
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	30%	32%	25%	—	30%	24%	36%	29%
Number of drugs involved								
Single-drug	41%	42%	40%	80%	43%	43%	30%	46%
Multi-drug	59%	58%	60%	20%	57%	57%	70%	54%
Cause of death								
Drug-induced	58%	56%	65%	—	52%	65%	64%	57%
Drug-related	42%	44%	35%	100%	48%	35%	36%	43%
Manner of death								
Suicide	12%	12%	12%	20%	13%	19%	16%	6%
Accidental/unexpected	74%	75%	72%	80%	83%	70%	76%	73%
All others	13%	13%	15%	—	4%	11%	8%	21%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

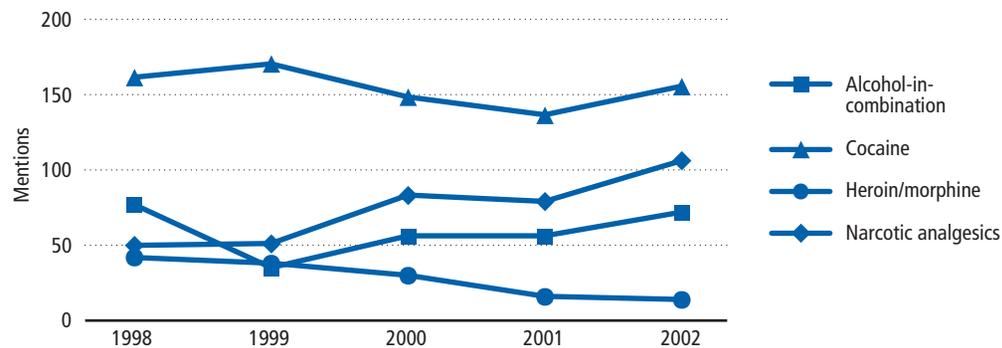
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	77	35	56	56	72	N/A
Cocaine	161	170	148	136	155	67
Heroin/morphine	42	38	30	16	14	3
Marijuana	22	14	14	18	42	7
Amphetamines	—	6	2	7	29	—
Methamphetamine	1	3	2	8	6	—
Club drugs ¹	—	6	2	4	2	1
Hallucinogens ²	1	—	—	—	—	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	50	51	83	79	106	16
Other analgesics	10	4	9	5	7	2
Benzodiazepines	33	25	41	43	63	—
Antidepressants	39	25	44	29	28	1
All other substances ³	44	57	78	22	32	1
Total drug mentions	480	434	509	423	556	98
Total drug deaths	234	246	222	224	238	98
Total deaths certified	4,326	4,118	4,285	4,447	4,427	N/A

This table includes only those counties that provided data for every year shown. Henry County, which did not provide data for 2002, and Paulding County, which did not provide data for 2001 or 2002, have been excluded.

¹ Includes Ecstasy (MDMA), Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

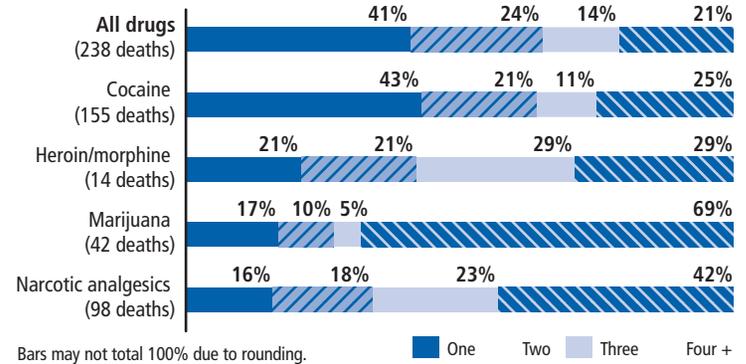


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	67	32	3	53	11
Alcohol + cocaine	24	11	3	15	6
Heroin/morphine only	3	3	1	2	—
Narcotic analgesics only	16	7	1	9	6
Cocaine + heroin/morphine	—	—	—	—	—
Alcohol + heroin/morphine	2	2	—	2	—
Alcohol + cocaine + heroin/morphine	1	1	—	1	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	7	1	1	6	—
Cocaine + narcotic analgesics	6	5	—	6	—
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	112	77	20	83	9
Total	238	139	29	177	32

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Baltimore, MD



Metro area population, 2002
2,601,990
Percent of population covered
by DAWN
100%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Anne Arundel County	53	48	5	316	503,388
2. Baltimore City*	398	360	38	3,189	638,614
3. Baltimore County	86	76	10	555	770,298
4. Carroll County	20	20	—	103	159,025
5. Harford County	29	23	6	214	227,713
6. Howard County	13	10	3	98	260,117
7. Queen Anne's County	1	1	—	22	42,835
Total participating (7)	600	538	62	4,497	2,601,990

* Indicates area featured in Spotlight section.

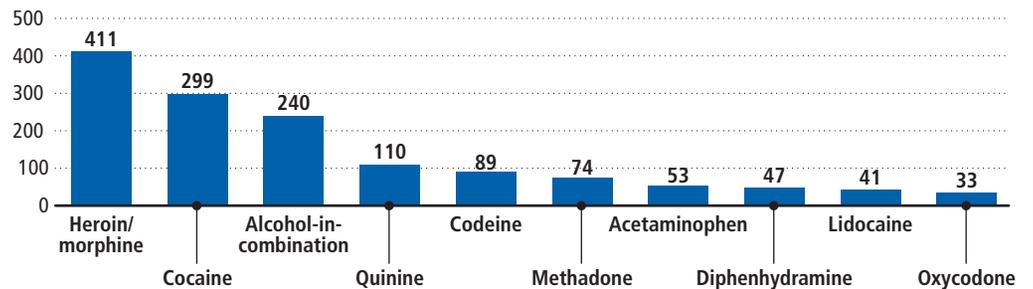
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	40%	44%	28%	—	30%	33%	40%	46%
Number of drugs involved								
Single-drug	11%	11%	12%	—	13%	14%	10%	11%
Multi-drug	89%	89%	88%	100%	87%	86%	90%	89%
Cause of death								
Drug-induced	90%	89%	91%	100%	87%	91%	90%	89%
Drug-related	10%	11%	9%	—	13%	9%	10%	11%
Manner of death								
Suicide	6%	5%	7%	—	9%	4%	5%	7%
Accidental/unexpected	3%	4%	1%	—	2%	4%	4%	2%
All others	91%	91%	91%	100%	89%	91%	92%	91%

Top 10 drugs mentioned

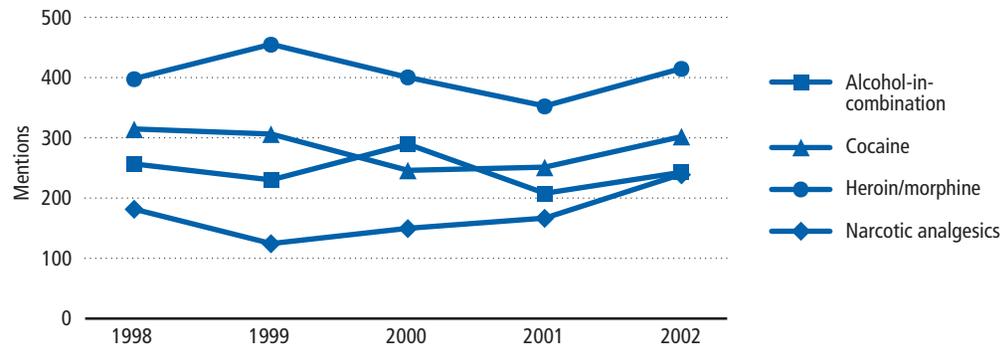


Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	253	227	286	205	240	N/A
Cocaine	311	303	243	248	299	20
Heroin/morphine	394	451	397	349	411	37
Marijuana	—	—	—	—	—	—
Amphetamines	—	—	1	—	—	—
Methamphetamine	—	16	1	—	—	—
Club drugs ¹	3	3	3	2	2	—
Hallucinogens ²	3	2	7	3	11	1
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	179	122	147	164	236	7
Other analgesics	44	57	51	65	60	—
Benzodiazepines	35	11	26	26	38	—
Antidepressants	139	116	118	131	155	1
All other substances ³	534	424	316	323	424	1
Total drug mentions	1,895	1,732	1,596	1,516	1,876	67
Total drug deaths	527	556	532	486	600	67
Total deaths certified	4,738	4,953	4,897	4,657	4,497	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

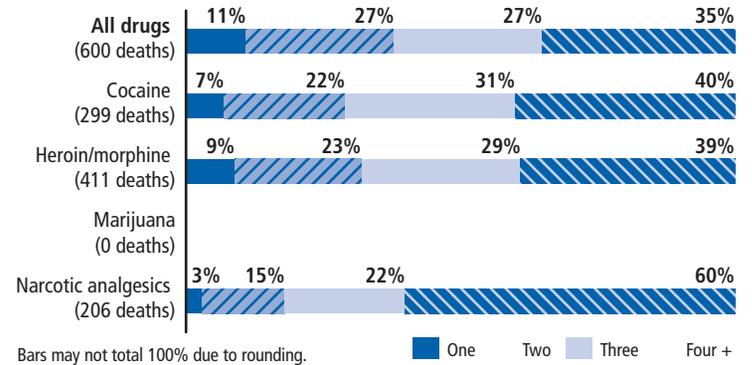


Selected drug combinations by cause and manner of death

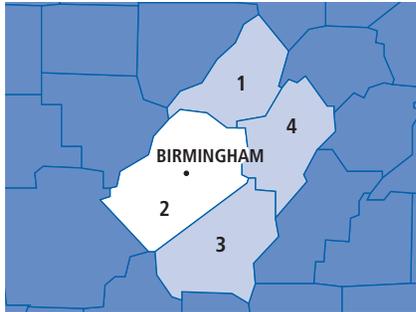
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	20	8	2	3	15
Alcohol + cocaine	26	6	6	7	13
Heroin/morphine only	37	37	—	—	37
Narcotic analgesics only	7	7	—	—	7
Cocaine + heroin/morphine	25	24	—	—	25
Alcohol + heroin/morphine	39	39	—	—	39
Alcohol + cocaine + heroin/morphine	42	40	—	1	41
Heroin/morphine + narcotic analgesics	11	11	—	—	11
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	2	2	—	—	2
Cocaine + heroin/morphine + narcotic analgesics	8	8	—	—	8
All other drugs/combinations	383	356	26	8	349
Total	600	538	34	19	547

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Birmingham, AL



Metro area population, 2002
935,168
Percent of population covered
by DAWN
71%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Blount County					52,968
2. Jefferson County	132	52	80	617	661,153
3. Shelby County					153,832
4. St. Clair County					67,215
Total participating (1)	132	52	80	617	661,153

Shaded areas did not participate in DAWN in 2002.

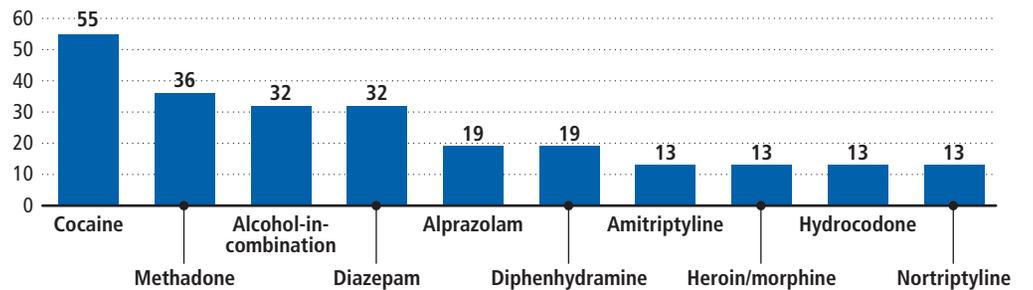
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	81	6-17	3	White	101
Female	51	18-24	19	Black	31
		25-34	16	Hispanic	—
		35-44	35	All others	—
		45-97	59		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	24%	26%	22%	33%	26%	19%	26%	24%
Number of drugs involved								
Single-drug	12%	14%	10%	—	5%	6%	14%	15%
Multi-drug	88%	86%	90%	100%	95%	94%	86%	85%
Cause of death								
Drug-induced	39%	40%	39%	33%	37%	63%	40%	34%
Drug-related	61%	60%	61%	67%	63%	38%	60%	66%
Manner of death								
Suicide	17%	11%	25%	33%	21%	6%	11%	20%
Accidental/unexpected	65%	70%	57%	67%	74%	69%	69%	59%
All others	18%	19%	18%	—	5%	25%	20%	20%

Top 10 drugs mentioned



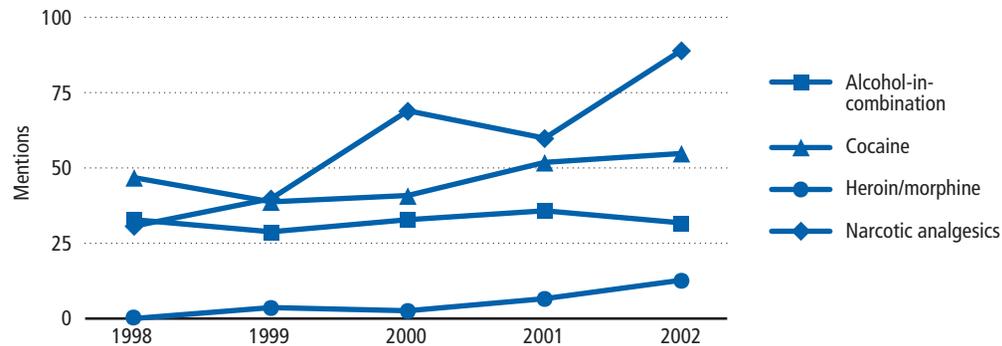
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	33	29	33	36	32	N/A
Cocaine	47	39	41	52	55	11
Heroin/morphine	—	4	3	7	13	—
Marijuana	2	—	2	2	4	—
Amphetamines	1	—	1	—	3	—
Methamphetamine	—	—	1	—	2	—
Club drugs ¹	1	—	3	4	1	—
Hallucinogens ²	—	—	—	—	—	—
Inhalants	—	1	—	1	—	—
Narcotic analgesics ³	31	40	69	60	89	2
Other analgesics	9	14	16	11	17	—
Benzodiazepines	32	26	47	58	63	1
Antidepressants	36	40	60	51	66	—
All other substances ³	37	33	63	59	78	2
Total drug mentions	229	226	339	341	423	16
Total drug deaths	92	79	111	110	132	16
Total deaths certified	684	654	576	619	617	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

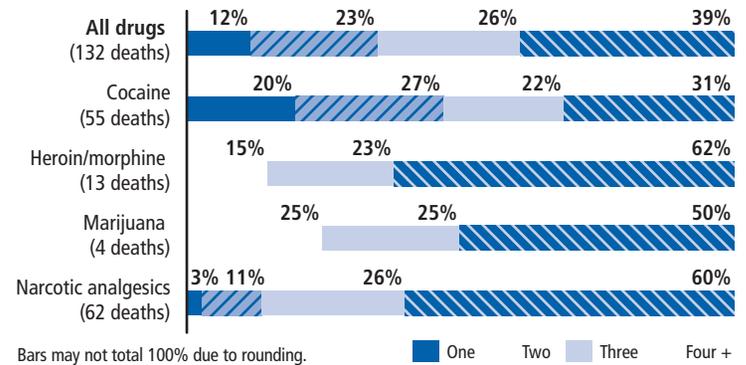


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	11	2	1	6	4
Alcohol + cocaine	9	1	—	7	2
Heroin/morphine only	—	—	—	—	—
Narcotic analgesics only	2	1	—	2	—
Cocaine + heroin/morphine	1	1	—	—	1
Alcohol + heroin/morphine	—	—	—	—	—
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	1	1	—	1	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	—	—	—	—	—
Cocaine + heroin/morphine + narcotic analgesics	2	2	—	2	—
All other drugs/combinations	106	44	21	68	17
Total	132	52	22	86	24

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Boston, MA



Metro area population, 2002
5,355,679
Percent of population covered
by DAWN
75%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Bristol County					543,434
2. Essex County	66	64	2	344	735,606
3. Middlesex County*	128	123	5	623	1,474,160
4. Norfolk County	45	44	1	266	656,486
5. Plymouth County	56	53	3	246	485,747
6. Suffolk County*	124	113	11	820	689,925
7. Worcester County					770,321
Total participating (5)	419	397	22	2,299	4,041,924

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

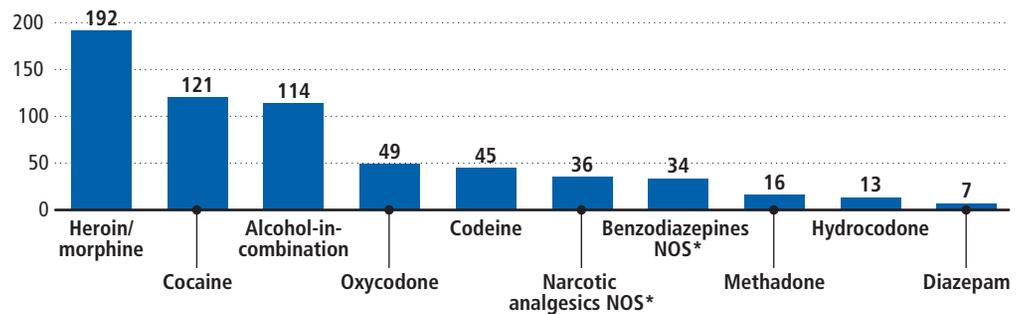
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	280	6-17	—	White	366
Female	139	18-24	41	Black	21
		25-34	86	Hispanic	29
		35-44	155	All others	3
		45-97	137		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	27%	30%	22%	—	24%	17%	30%	31%
Number of drugs involved								
Single-drug	42%	42%	42%	—	51%	43%	36%	45%
Multi-drug	58%	58%	58%	—	49%	57%	64%	55%
Cause of death								
Drug-induced	95%	95%	95%	—	93%	98%	93%	96%
Drug-related	5%	5%	5%	—	7%	2%	7%	4%
Manner of death								
Suicide	8%	5%	14%	—	5%	3%	6%	14%
Accidental/unexpected	1%	1%	1%	—	2%	1%	1%	1%
All others	91%	94%	84%	—	93%	95%	93%	85%

Top 10 drugs mentioned



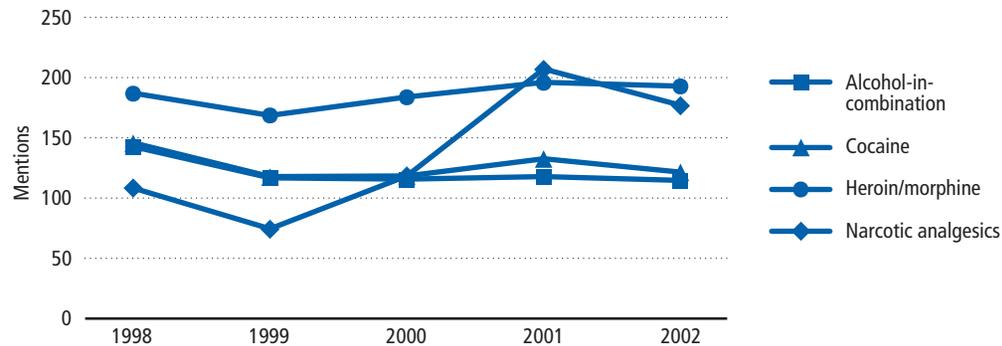
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	142	116	115	117	114	N/A
Cocaine	145	117	118	132	121	33
Heroin/morphine	186	168	183	195	192	60
Marijuana	1	—	4	8	4	1
Amphetamines	1	—	—	5	1	1
Methamphetamine	—	10	—	1	1	—
Club drugs ¹	—	—	1	6	6	3
Hallucinogens ²	—	—	1	—	—	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	108	74	118	206	176	42
Other analgesics	24	13	12	25	6	4
Benzodiazepines	51	15	25	136	52	8
Antidepressants	110	66	54	44	39	9
All other substances ³	73	27	36	45	47	15
Total drug mentions	841	606	667	920	759	176
Total drug deaths	367	344	343	374	419	176
Total deaths certified	2,296	2,224	2,088	2,280	2,299	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

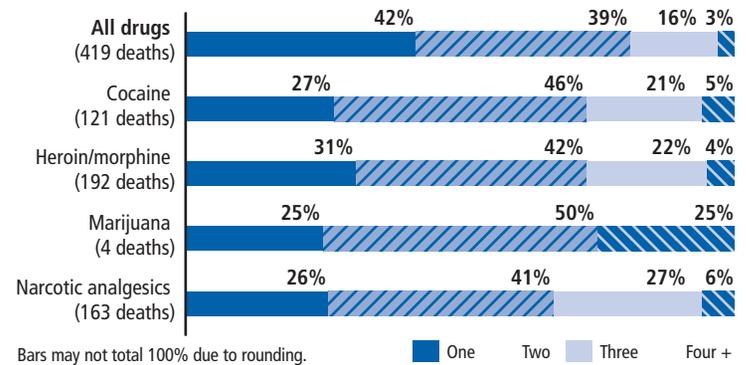


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	33	31	—	—	33
Alcohol + cocaine	13	12	—	—	13
Heroin/morphine only	60	58	1	—	59
Narcotic analgesics only	42	39	4	1	37
Cocaine + heroin/morphine	25	25	—	—	25
Alcohol + heroin/morphine	29	27	—	—	29
Alcohol + cocaine + heroin/morphine	12	12	—	—	12
Heroin/morphine + narcotic analgesics	20	20	—	—	20
Marijuana only	1	1	1	—	—
Cocaine + narcotic analgesics	13	12	—	1	12
Cocaine + heroin/morphine + narcotic analgesics	6	6	—	—	6
All other drugs/combinations	165	154	27	3	135
Total	419	397	33	5	381

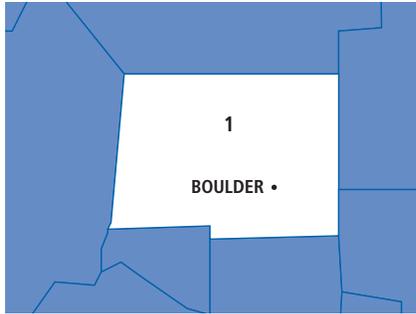
* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Bars may not total 100% due to rounding.

Boulder, CO



Metro area population, 2002
279,197
Percent of population covered
by DAWN
100%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Boulder County	35	30	5	1,544	279,197
Total participating (1)	35	30	5	1,544	279,197

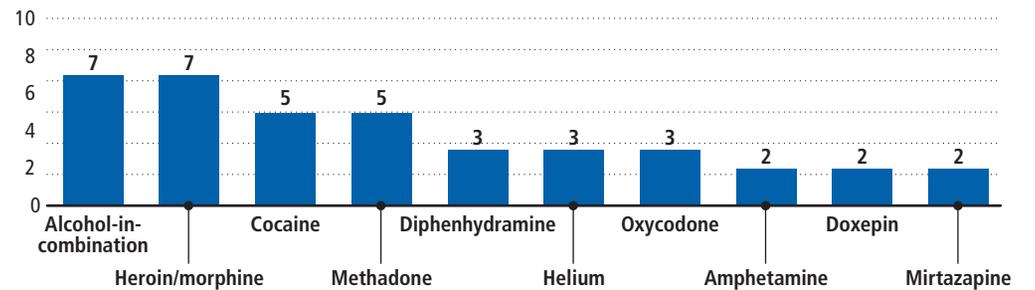
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	22	6-17	—	White	34
Female	13	18-24	3	Black	—
		25-34	4	Hispanic	1
		35-44	12	All others	—
		45-97	16		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	20%	23%	15%	—	33%	—	25%	19%
Number of drugs involved								
Single-drug	54%	59%	46%	—	—	100%	33%	69%
Multi-drug	46%	41%	54%	—	100%	—	67%	31%
Cause of death								
Drug-induced	86%	82%	92%	—	100%	50%	92%	88%
Drug-related	14%	18%	8%	—	—	50%	8%	13%
Manner of death								
Suicide	43%	45%	38%	—	67%	75%	33%	38%
Accidental/unexpected	54%	50%	62%	—	33%	25%	67%	56%
All others	3%	5%	—	—	—	—	—	6%

Top 10 drugs mentioned



Drug mentions by drug category*

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	—	—	—	—	7	N/A
Cocaine	—	—	—	—	5	3
Heroin/morphine	—	—	—	—	7	4
Marijuana	—	—	—	—	—	—
Amphetamines	—	—	—	—	2	—
Methamphetamine	—	—	—	—	—	—
Club drugs ¹	—	—	—	—	—	—
Hallucinogens ²	—	—	—	—	—	—
Inhalants	—	—	—	—	3	3
Narcotic analgesics ³	—	—	—	—	11	3
Other analgesics	—	—	—	—	3	—
Benzodiazepines	—	—	—	—	4	—
Antidepressants	—	—	—	—	9	1
All other substances ³	—	—	—	—	10	5
Total drug mentions	—	—	—	—	61	19
Total drug deaths	—	—	—	—	35	19
Total deaths certified	—	—	—	—	1,544	N/A

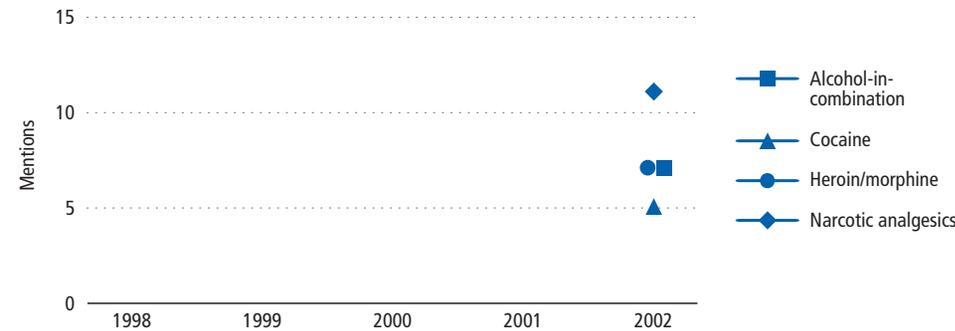
*This table includes data only for 2002. Errors were identified in the data for 1998 to 2001, so these have been removed.
¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	3	3	—	3	—
Alcohol + cocaine	1	1	—	1	—
Heroin/morphine only	4	4	—	4	—
Narcotic analgesics only	3	3	1	2	—
Cocaine + heroin/morphine	—	—	—	—	—
Alcohol + heroin/morphine	—	—	—	—	—
Alcohol + cocaine + heroin/morphine	1	1	—	1	—
Heroin/morphine + narcotic analgesics	1	1	—	1	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	—	—	—	—	—
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	22	17	14	7	1
Total	35	30	15	19	1

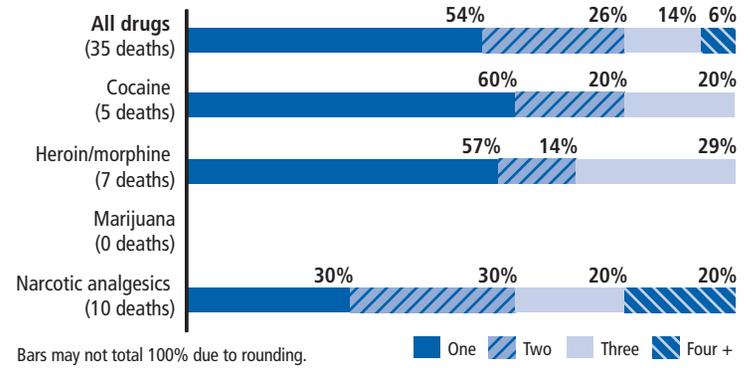
* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Recent trends in major drugs of abuse*

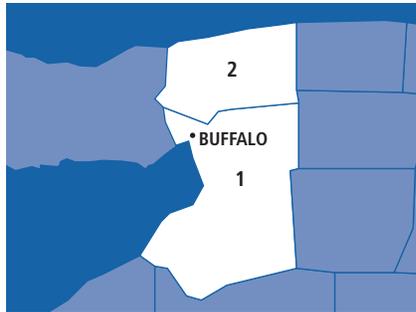


*This table includes data only for 2002. Errors were identified in the data for 1998 to 2001, so these have been removed.

Number of drugs involved in deaths, selected drug categories



Buffalo, NY



Metro area population, 2002
1,163,148
Percent of population covered
by DAWN
100%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Erie County*	151	34	117	1,386	945,049
2. Niagara County	16	5	11	928	218,099
Total participating (2)	167	39	128	2,314	1,163,148

* Indicates area featured in Spotlight section.

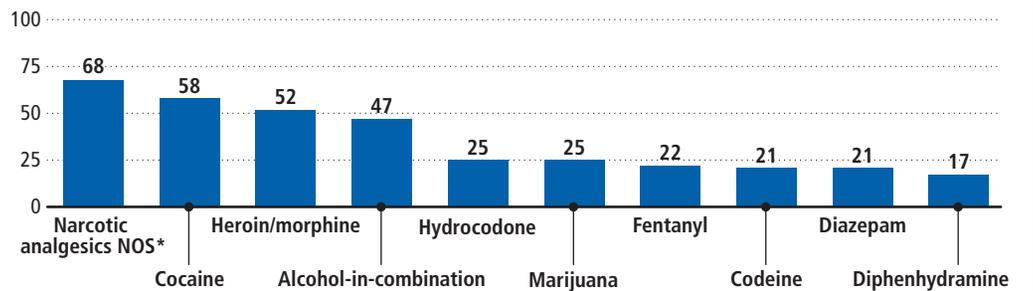
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	28%	29%	24%	—	13%	38%	32%	25%
Number of drugs involved								
Single-drug	15%	19%	5%	—	25%	13%	16%	14%
Multi-drug	85%	81%	95%	—	75%	88%	84%	86%
Cause of death								
Drug-induced	23%	24%	21%	—	38%	25%	32%	15%
Drug-related	77%	76%	79%	—	63%	75%	68%	85%
Manner of death								
Suicide	14%	14%	14%	—	25%	31%	13%	10%
Accidental/unexpected	8%	7%	10%	—	—	13%	10%	6%
All others	78%	79%	76%	—	75%	56%	78%	84%

Top 10 drugs mentioned



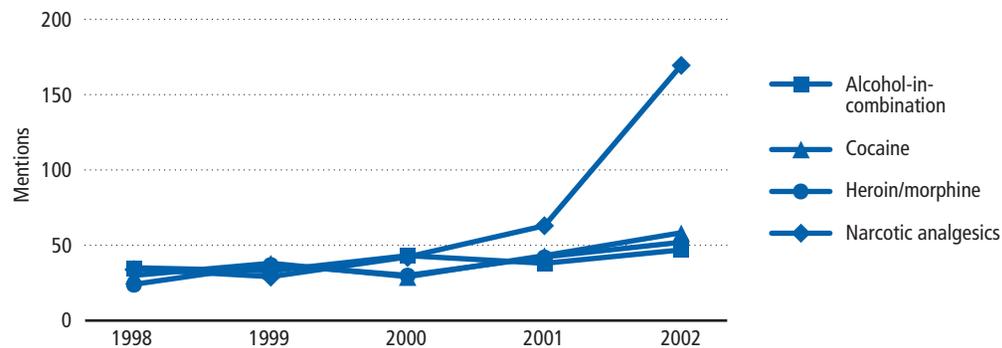
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	35	33	43	38	47	N/A
Cocaine	30	38	29	43	58	12
Heroin/morphine	24	37	30	42	52	—
Marijuana	17	12	19	24	25	7
Amphetamines	—	1	—	—	1	—
Methamphetamine	1	1	—	—	2	—
Club drugs ¹	1	1	2	1	1	—
Hallucinogens ²	—	—	—	—	—	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	34	29	42	63	169	1
Other analgesics	4	9	2	10	4	1
Benzodiazepines	14	19	23	41	43	1
Antidepressants	30	40	30	60	57	—
All other substances ³	44	43	32	56	82	3
Total drug mentions	234	263	252	378	541	25
Total drug deaths	86	106	89	128	167	25
Total deaths certified	1,877	1,900	1,779	1,908	2,314	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

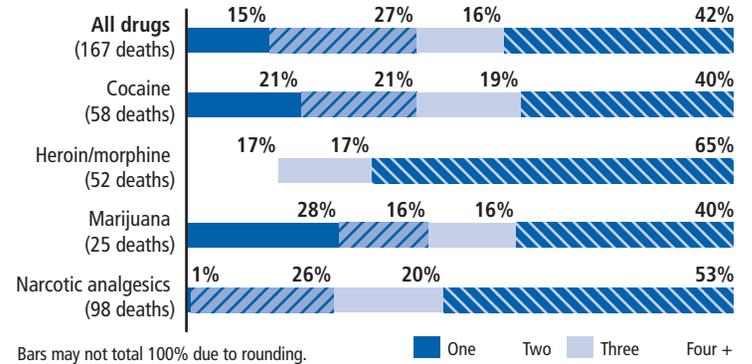


Selected drug combinations by cause and manner of death

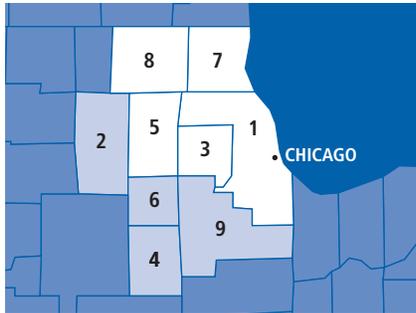
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	12	—	2	2	8
Alcohol + cocaine	6	—	3	—	3
Heroin/morphine only	—	—	—	—	—
Narcotic analgesics only	1	—	—	—	1
Cocaine + heroin/morphine	1	—	—	—	1
Alcohol + heroin/morphine	1	—	—	—	1
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	7	1	1	—	6
Marijuana only	7	—	1	2	4
Cocaine + narcotic analgesics	1	—	—	—	1
Cocaine + heroin/morphine + narcotic analgesics	3	1	—	—	3
All other drugs/combinations	128	37	16	9	103
Total	167	39	23	13	131

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Chicago, IL



Metro area population, 2002
8,449,180
Percent of population covered
by DAWN
91%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Cook County*	711	537	174	5,016	5,377,507
2. DeKalb County					91,561
3. DuPage County	66	51	15	3,723	924,589
4. Grundy County					38,839
5. Kane County	20	16	4	362	443,041
6. Kendall County					61,222
7. Lake County	48	38	10	3,350	674,850
8. McHenry County	16	13	3	174	277,710
9. Will County					559,861
Total participating (5)	861	655	206	12,625	7,697,697

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

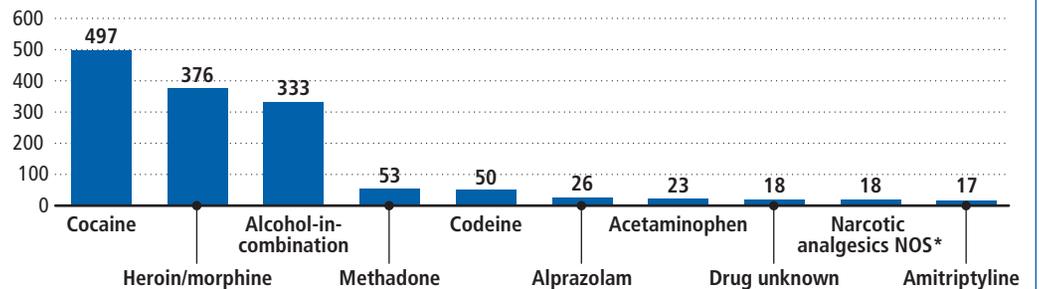
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	656	6-17	5	White	433
Female	202	18-24	69	Black	331
		25-34	167	Hispanic	94
		35-44	327	All others	3
		45-97	292		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	39%	41%	30%	—	30%	43%	41%	36%
Number of drugs involved								
Single-drug	36%	36%	37%	80%	38%	28%	39%	38%
Multi-drug	64%	64%	63%	20%	62%	72%	61%	62%
Cause of death								
Drug-induced	76%	74%	81%	100%	74%	72%	75%	79%
Drug-related	24%	26%	19%	—	26%	28%	25%	21%
Manner of death								
Suicide	10%	9%	13%	—	13%	15%	8%	9%
Accidental/unexpected	85%	87%	80%	100%	86%	80%	87%	86%
All others	5%	4%	7%	—	1%	5%	6%	4%

Top 10 drugs mentioned



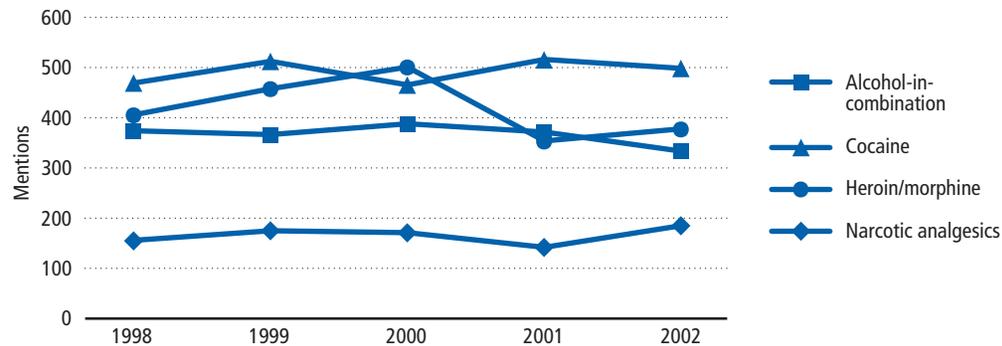
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	373	365	387	370	333	N/A
Cocaine	468	511	464	514	497	175
Heroin/morphine	404	456	499	352	376	83
Marijuana	26	17	23	15	11	2
Amphetamines	1	1	4	2	2	—
Methamphetamine	—	—	2	1	—	—
Club drugs ¹	—	3	9	4	7	3
Hallucinogens ²	3	4	6	4	3	1
Inhalants	—	—	—	3	2	2
Narcotic analgesics ³	155	175	171	142	185	27
Other analgesics	28	32	27	26	36	5
Benzodiazepines	36	37	43	47	49	1
Antidepressants	47	48	60	54	65	1
All other substances ³	42	92	86	75	74	12
Total drug mentions	1,583	1,741	1,781	1,609	1,640	312
Total drug deaths	802	879	869	854	861	312
Total deaths certified	12,093	12,731	12,439	12,459	12,625	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

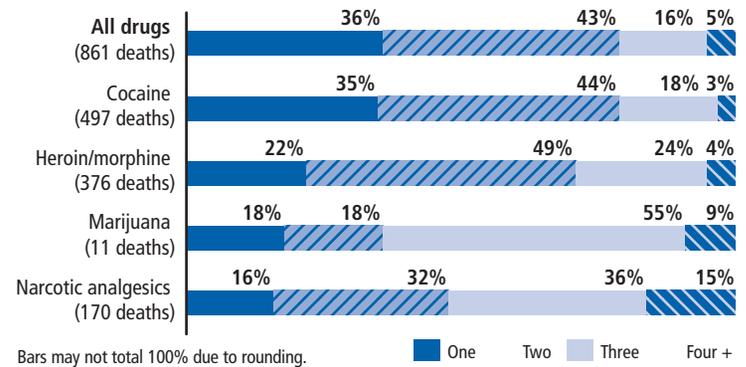


Selected drug combinations by cause and manner of death

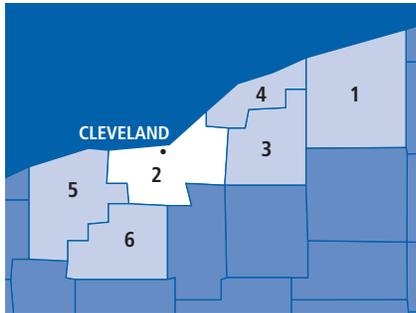
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	175	94	10	156	9
Alcohol + cocaine	113	59	21	88	4
Heroin/morphine only	83	76	1	80	2
Narcotic analgesics only	27	22	2	23	2
Cocaine + heroin/morphine	84	76	1	83	—
Alcohol + heroin/morphine	87	78	3	80	4
Alcohol + cocaine + heroin/morphine	53	52	—	53	—
Heroin/morphine + narcotic analgesics	11	9	—	9	2
Marijuana only	2	—	—	—	2
Cocaine + narcotic analgesics	17	13	—	17	—
Cocaine + heroin/morphine + narcotic analgesics	15	13	—	14	1
All other drugs/combinations	194	163	49	131	14
Total	861	655	87	734	40

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Cleveland, OH



Metro area population, 2002
2,250,347
Percent of population covered
by DAWN
61%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Ashtabula County					102,515
2. Cuyahoga County	180	180	—	3,623	1,379,049
3. Geauga County					92,980
4. Lake County					229,004
5. Lorain County					288,360
6. Medina County					158,439
Total participating (1)	180	180	—	3,623	1,379,049

Shaded areas did not participate in DAWN in 2002.

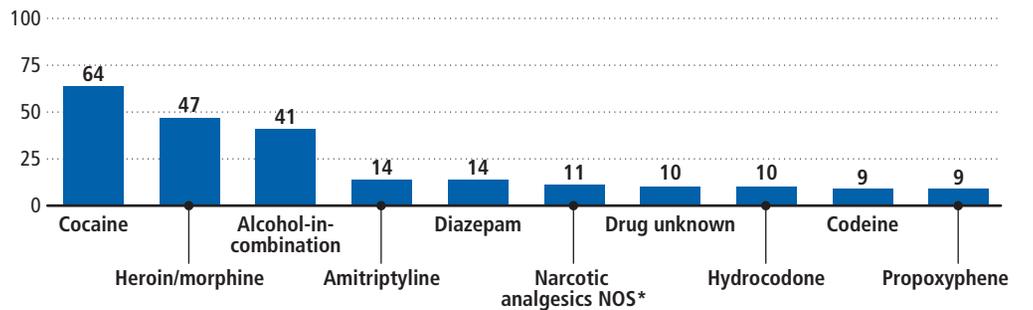
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	120	6-17	—	White	113
Female	60	18-24	9	Black	66
		25-34	23	Hispanic	1
		35-44	54	All others	—
		45-97	94		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	23%	29%	10%	—	—	30%	31%	18%
Number of drugs involved								
Single-drug	50%	52%	47%	—	56%	52%	30%	61%
Multi-drug	50%	48%	53%	—	44%	48%	70%	39%
Cause of death								
Drug-induced	100%	100%	100%	—	100%	100%	100%	100%
Drug-related	—	—	—	—	—	—	—	—
Manner of death								
Suicide	12%	8%	20%	—	—	13%	11%	13%
Accidental/unexpected	88%	92%	80%	—	100%	87%	87%	87%
All others	1%	1%	—	—	—	—	2%	—

Top 10 drugs mentioned



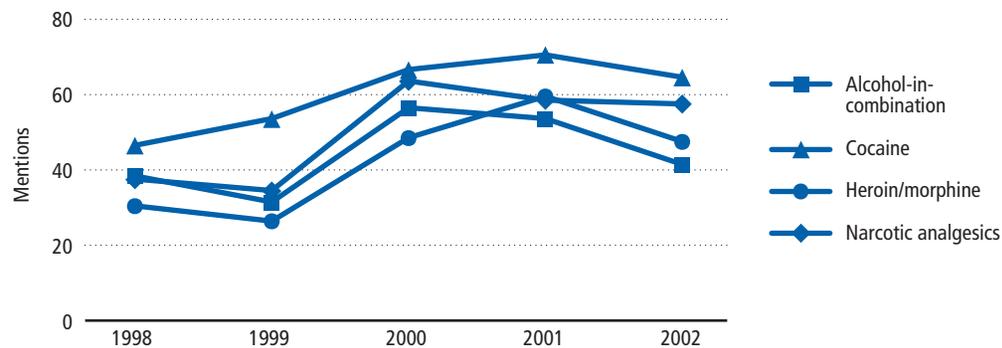
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	38	31	56	53	41	N/A
Cocaine	46	53	66	70	64	39
Heroin/morphine	30	26	48	59	47	20
Marijuana	2	1	2	—	2	—
Amphetamines	—	—	—	—	—	—
Methamphetamine	1	1	1	1	—	—
Club drugs ¹	—	2	—	1	—	—
Hallucinogens ²	—	2	—	—	1	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	37	34	63	58	57	6
Other analgesics	8	7	4	12	17	3
Benzodiazepines	20	17	22	21	25	1
Antidepressants	23	19	22	31	40	6
All other substances ³	26	25	32	42	44	15
Total drug mentions	231	218	316	348	338	90
Total drug deaths	108	117	143	176	180	90
Total deaths certified	2,682	3,426	3,637	3,873	3,623	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

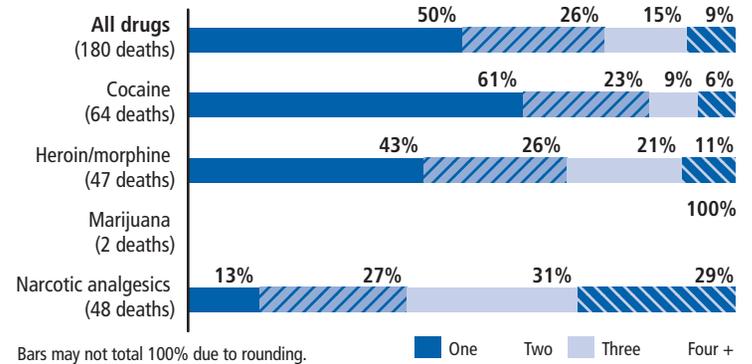


Selected drug combinations by cause and manner of death

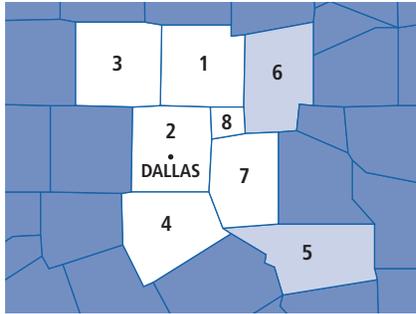
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	39	39	—	39	—
Alcohol + cocaine	7	7	—	7	—
Heroin/morphine only	20	20	—	20	—
Narcotic analgesics only	6	6	—	6	—
Cocaine + heroin/morphine	3	3	—	3	—
Alcohol + heroin/morphine	3	3	—	2	1
Alcohol + cocaine + heroin/morphine	2	2	—	2	—
Heroin/morphine + narcotic analgesics	3	3	—	3	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	1	1	—	1	—
Cocaine + heroin/morphine + narcotic analgesics	1	1	—	1	—
All other drugs/combinations	95	95	21	74	—
Total	180	180	21	158	1

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Dallas, TX



Metro area population, 2002
3,743,254
Percent of population covered
by DAWN
96%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Collin County	20	15	5	357	566,798
2. Dallas County*	345	187	158	3,266	2,283,953
3. Denton County	45	30	15	283	488,481
4. Ellis County	9	3	6	112	120,052
5. Henderson County					75,797
6. Hunt County					79,361
7. Kaufman County	16	2	14	75	77,954
8. Rockwall County	4	1	3	24	50,858
Total participating (6)	439	238	201	4,117	3,588,096

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

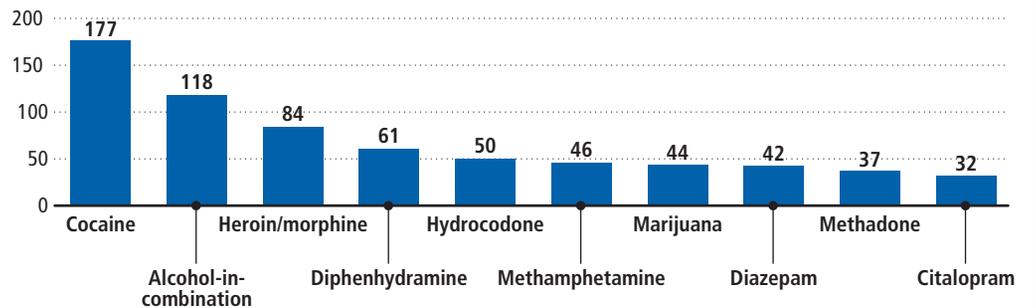
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	292	6-17	3	White	306
Female	145	18-24	44	Black	90
		25-34	86	Hispanic	37
		35-44	131	All others	6
		45-97	175		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	27%	30%	21%	33%	39%	31%	26%	22%
Number of drugs involved								
Single-drug	24%	24%	23%	33%	14%	29%	26%	22%
Multi-drug	76%	76%	77%	67%	86%	71%	74%	78%
Cause of death								
Drug-induced	54%	52%	59%	33%	61%	55%	56%	51%
Drug-related	46%	48%	41%	67%	39%	45%	44%	49%
Manner of death								
Suicide	22%	19%	27%	—	23%	26%	27%	16%
Accidental/unexpected	50%	55%	40%	67%	68%	56%	47%	46%
All others	28%	25%	33%	33%	9%	19%	27%	38%

Top 10 drugs mentioned



SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

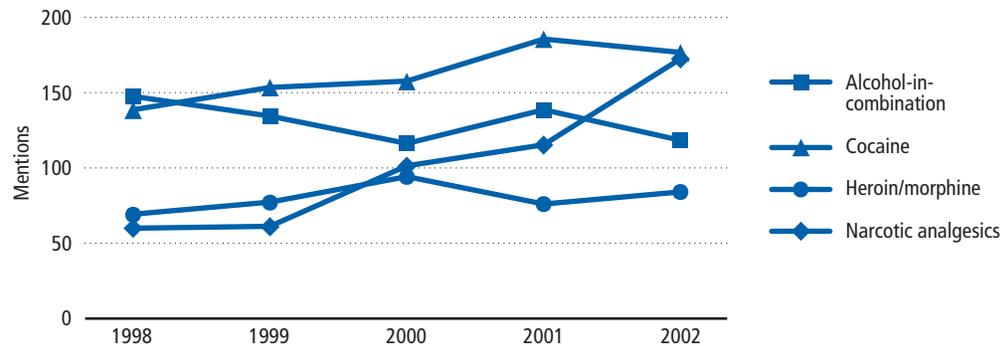
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	147	134	116	138	118	N/A
Cocaine	138	153	157	185	176	48
Heroin/morphine	69	77	94	76	84	2
Marijuana	90	98	74	65	43	2
Amphetamines	7	5	8	4	8	—
Methamphetamine	7	9	22	37	46	13
Club drugs ¹	2	3	10	11	1	1
Hallucinogens ²	—	4	7	19	5	1
Inhalants	—	—	4	—	—	—
Narcotic analgesics ³	60	61	101	115	172	12
Other analgesics	36	43	30	30	61	5
Benzodiazepines	56	52	73	60	59	3
Antidepressants	84	78	86	71	153	5
All other substances ³	177	140	189	110	224	10
Total drug mentions	873	857	971	921	1,150	102
Total drug deaths	355	322	320	365	435	102
Total deaths certified	4,005	3,997	4,031	3,248	4,093	N/A

This table includes only those counties that provided data for every year shown. Rockwall County, which did not provide data for 2001, has been excluded.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

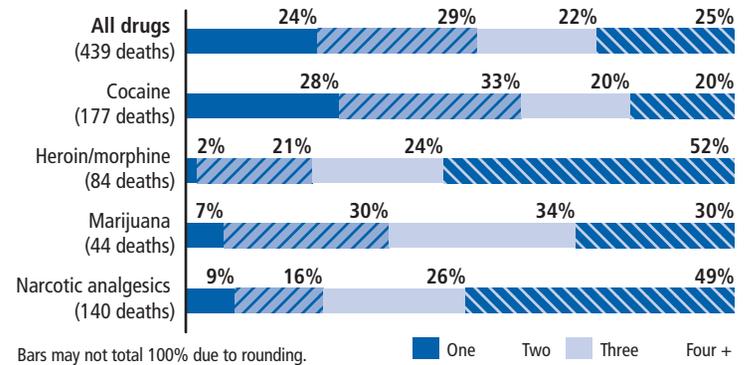


Selected drug combinations by cause and manner of death

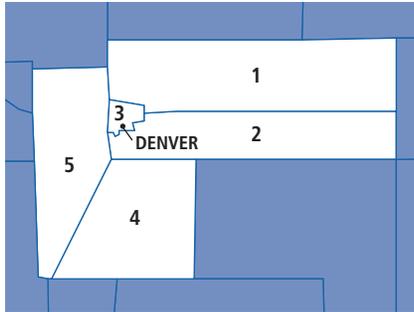
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	49	23	5	33	11
Alcohol + cocaine	27	12	4	19	4
Heroin/morphine only	2	1	1	1	—
Narcotic analgesics only	12	8	—	7	5
Cocaine + heroin/morphine	7	6	1	5	1
Alcohol + heroin/morphine	4	3	—	3	1
Alcohol + cocaine + heroin/morphine	4	4	—	4	—
Heroin/morphine + narcotic analgesics	2	2	—	2	—
Marijuana only	3	—	1	—	2
Cocaine + narcotic analgesics	5	3	1	3	1
Cocaine + heroin/morphine + narcotic analgesics	2	2	1	1	—
All other drugs/combinations	322	174	81	143	98
Total	439	238	95	221	123

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Denver, CO



Metro area population, 2002

2,187,464

Percent of population covered
by DAWN

100%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Adams County	47	40	7	1,753	374,099
2. Arapahoe County	45	35	10	2,440	510,136
3. Denver County*	136	103	33	2,669	560,415
4. Douglas County	—	—	—	348	211,091
5. Jefferson County	56	44	12	3,185	531,723
Total participating (5)	284	222	62	10,395	2,187,464

* Indicates area featured in Spotlight section.

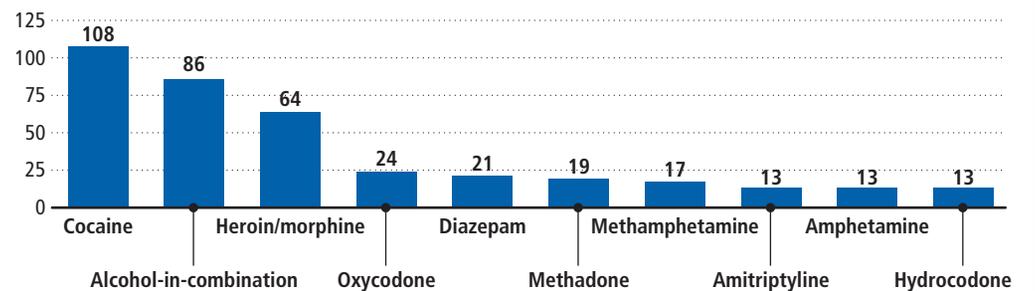
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	30%	37%	17%	—	43%	31%	29%	29%
Number of drugs involved								
Single-drug	38%	35%	44%	100%	33%	38%	42%	35%
Multi-drug	62%	65%	56%	—	67%	62%	58%	65%
Cause of death								
Drug-induced	78%	79%	76%	50%	52%	79%	86%	77%
Drug-related	22%	21%	24%	50%	48%	21%	14%	23%
Manner of death								
Suicide	21%	17%	29%	100%	29%	24%	19%	19%
Accidental/unexpected	59%	67%	43%	—	48%	60%	72%	52%
All others	20%	16%	28%	—	24%	17%	9%	29%

Top 10 drugs mentioned



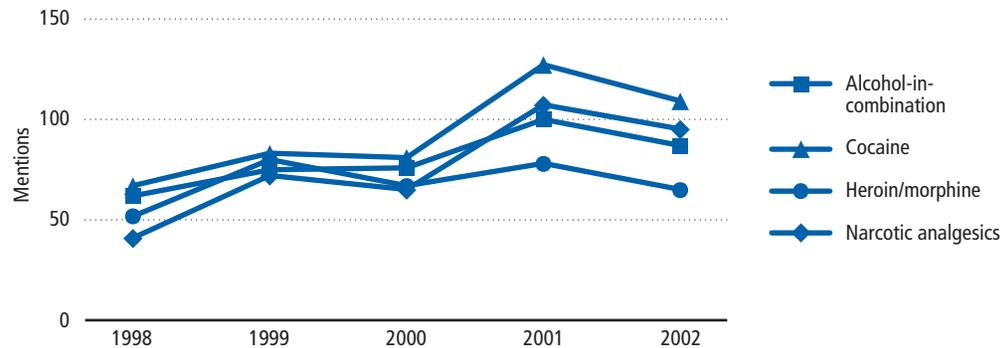
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	61	74	75	99	86	N/A
Cocaine	66	82	80	126	108	41
Heroin/morphine	51	79	66	77	64	14
Marijuana	3	20	20	31	5	1
Amphetamines	3	5	9	8	13	—
Methamphetamine	3	8	10	19	17	2
Club drugs ¹	—	—	2	4	2	—
Hallucinogens ²	—	—	1	—	1	—
Inhalants	1	—	1	—	1	1
Narcotic analgesics ³	40	71	64	106	94	20
Other analgesics	6	4	16	22	21	2
Benzodiazepines	11	39	28	55	38	2
Antidepressants	25	33	37	38	59	5
All other substances ³	27	38	68	79	68	20
Total drug mentions	297	453	477	664	577	108
Total drug deaths	163	237	242	310	284	108
Total deaths certified	8,623	8,864	9,667	10,366	10,395	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

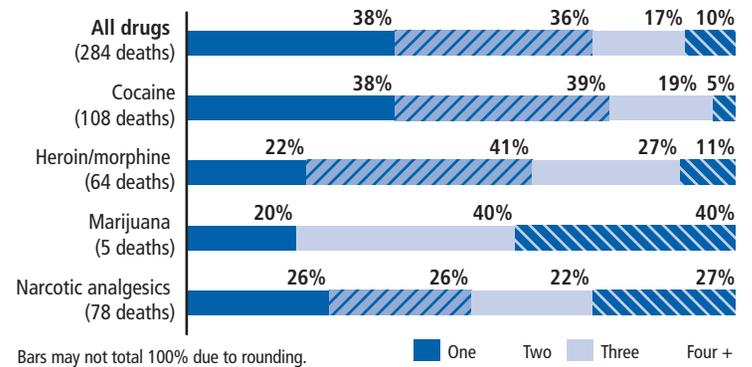


Selected drug combinations by cause and manner of death

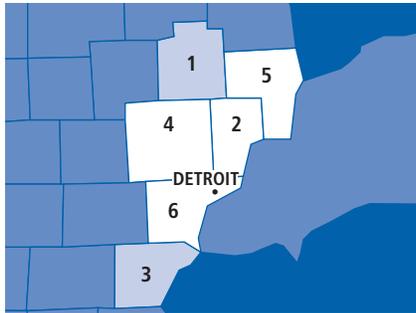
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	41	32	3	32	6
Alcohol + cocaine	26	15	4	16	6
Heroin/morphine only	14	12	2	9	3
Narcotic analgesics only	20	10	2	10	8
Cocaine + heroin/morphine	12	11	—	11	1
Alcohol + heroin/morphine	11	10	—	10	1
Alcohol + cocaine + heroin/morphine	6	6	—	6	—
Heroin/morphine + narcotic analgesics	1	—	—	—	1
Marijuana only	1	—	1	—	—
Cocaine + narcotic analgesics	3	3	—	3	—
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	149	123	48	70	31
Total	284	222	60	167	57

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Detroit, MI



Metro area population, 2002
4,464,531
Percent of population covered
by DAWN
95%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Lapeer County					90,776
2. Macomb County	79	69	10	1,542	808,529
3. Monroe County					149,253
4. Oakland County	214	126	88	4,393	1,202,721
5. St. Clair County	21	18	3	652	167,712
6. Wayne County*	528	227	301	3,262	2,045,540
Total participating (4)	842	440	402	9,849	4,224,502

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

MORTALITY DATA FROM DAWN

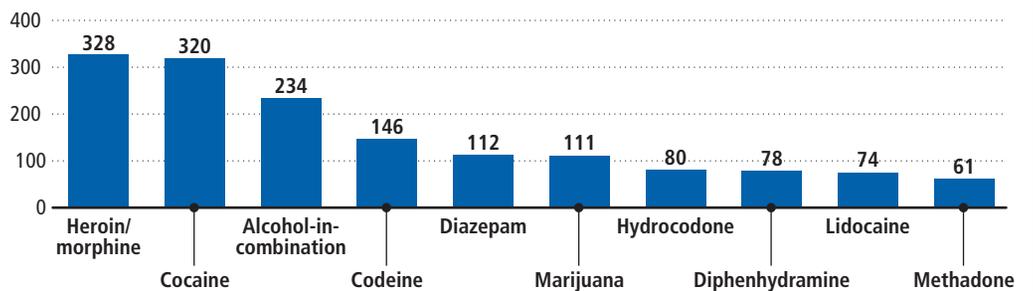
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	28%	31%	19%	—	27%	32%	34%	23%
Number of drugs involved								
Single-drug	21%	22%	19%	42%	27%	17%	18%	23%
Multi-drug	79%	78%	81%	58%	73%	83%	82%	77%
Cause of death								
Drug-induced	52%	53%	51%	42%	65%	55%	59%	46%
Drug-related	48%	47%	49%	58%	35%	45%	41%	54%
Manner of death								
Suicide	10%	10%	11%	—	8%	19%	11%	8%
Accidental/unexpected	37%	37%	37%	42%	57%	44%	34%	36%
All others	52%	53%	52%	58%	35%	37%	55%	56%

Top 10 drugs mentioned



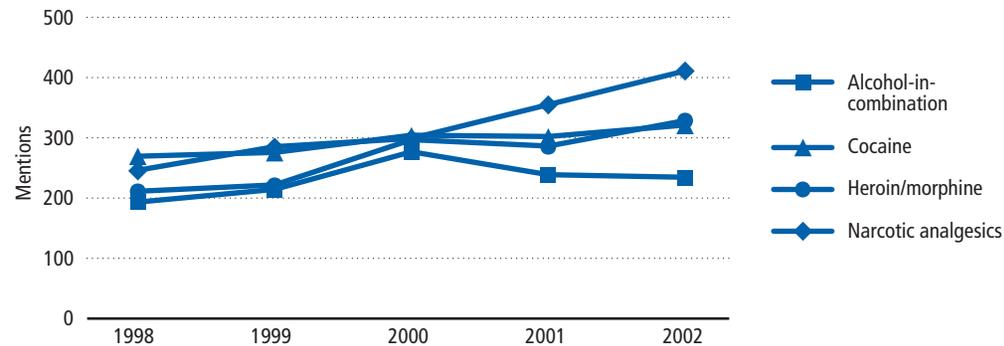
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	193	214	276	238	234	N/A
Cocaine	269	275	303	301	320	65
Heroin/morphine	211	221	296	285	328	38
Marijuana	50	93	98	74	111	39
Amphetamines	2	3	8	5	12	—
Methamphetamine	—	—	2	5	2	—
Club drugs ¹	1	2	5	5	4	—
Hallucinogens ²	2	1	—	1	2	—
Inhalants	1	—	—	—	—	—
Narcotic analgesics ³	245	284	298	354	410	21
Other analgesics	41	38	42	35	37	2
Benzodiazepines	147	177	189	193	228	2
Antidepressants	137	131	138	148	172	2
All other substances ³	338	402	348	318	494	10
Total drug mentions	1,637	1,841	2,003	1,962	2,354	179
Total drug deaths	635	694	704	729	842	179
Total deaths certified	9,330	10,033	9,896	9,264	9,849	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

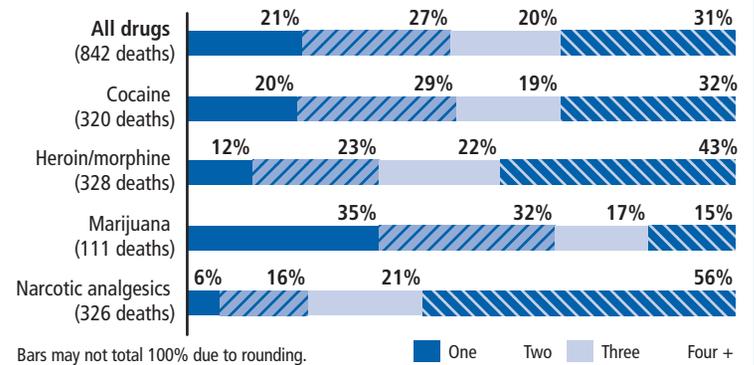


Selected drug combinations by cause and manner of death

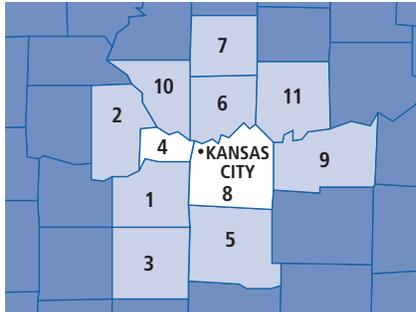
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	65	26	7	25	33
Alcohol + cocaine	34	12	5	15	14
Heroin/morphine only	38	11	3	10	25
Narcotic analgesics only	21	10	2	2	17
Cocaine + heroin/morphine	27	18	1	10	16
Alcohol + heroin/morphine	12	9	—	4	8
Alcohol + cocaine + heroin/morphine	7	3	—	1	6
Heroin/morphine + narcotic analgesics	12	4	1	1	10
Marijuana only	39	—	4	12	23
Cocaine + narcotic analgesics	10	5	—	3	7
Cocaine + heroin/morphine + narcotic analgesics	5	4	—	2	3
All other drugs/combinations	572	338	65	228	279
Total	842	440	88	313	441

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Kansas City, MO



Metro area population, 2002
1,828,247
Percent of population covered
by DAWN
45%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Kansas jurisdictions					
1. Johnson County, KS					476,536
2. Leavenworth County, KS					70,789
3. Miami County, KS					28,904
4. Wyandotte County, KS	3	3	—	219	158,331
Missouri jurisdictions					
5. Cass County, MO					87,310
6. Clay County, MO					191,381
7. Clinton County, MO					19,632
8. Jackson County, MO*	255	57	198	2,074	660,773
9. Lafayette County, MO					33,125
10. Platte County, MO					77,655
11. Ray County, MO					23,811
Total participating (2)	258	60	198	2,293	819,104

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

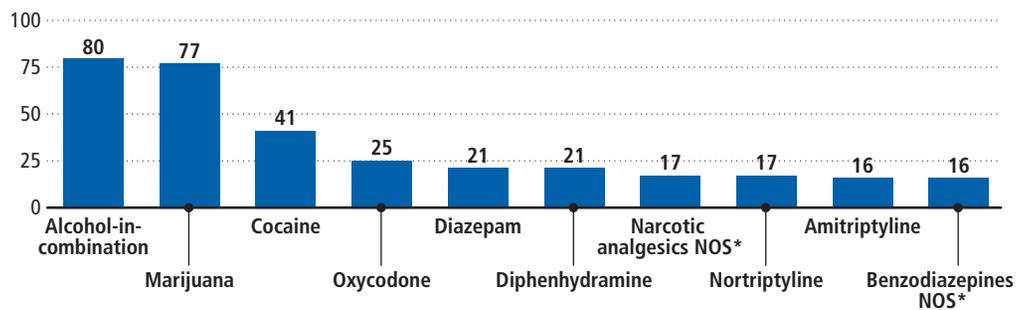
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	31%	33%	26%	14%	44%	46%	24%	30%
Number of drugs involved								
Single-drug	36%	40%	27%	29%	36%	31%	38%	37%
Multi-drug	64%	60%	73%	71%	64%	69%	62%	63%
Cause of death								
Drug-induced	23%	21%	26%	29%	24%	34%	36%	11%
Drug-related	77%	79%	74%	71%	76%	66%	64%	89%
Manner of death								
Suicide	15%	16%	13%	43%	24%	20%	13%	10%
Accidental/unexpected	50%	49%	52%	43%	64%	69%	55%	37%
All others	36%	36%	35%	14%	12%	11%	32%	52%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

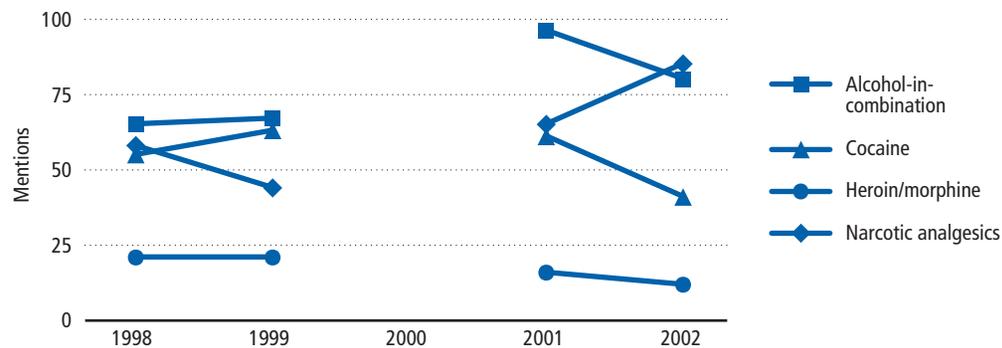
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	65	67	—	96	80	N/A
Cocaine	55	63	—	61	41	15
Heroin/morphine	21	21	—	16	12	2
Marijuana	51	55	—	63	77	32
Amphetamines	16	14	—	13	4	—
Methamphetamine	16	13	—	15	9	4
Club drugs ¹	1	—	—	2	1	—
Hallucinogens ²	—	7	—	10	8	2
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	58	44	—	65	85	8
Other analgesics	10	14	—	11	8	1
Benzodiazepines	83	79	—	55	51	2
Antidepressants	45	74	—	73	100	15
All other substances ³	68	106	—	98	93	12
Total drug mentions	489	557	—	578	569	93
Total drug deaths	236	244	—	258	258	93
Total deaths certified	1,985	2,246	—	2,234	2,293	N/A

This table includes Jackson and Wyandotte Counties for 1998, 1999, 2001, and 2002. Wyandotte County did not provide data for 2000. Jackson County, which provided data for all 5 years, is shown in an Area Spotlight.

¹ Includes Ecstasy (MDMA), Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

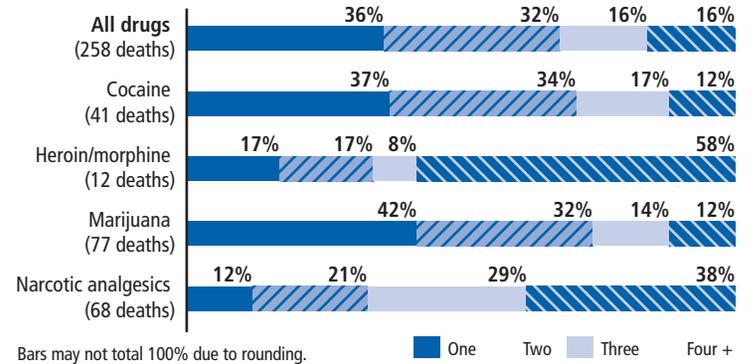


Selected drug combinations by cause and manner of death

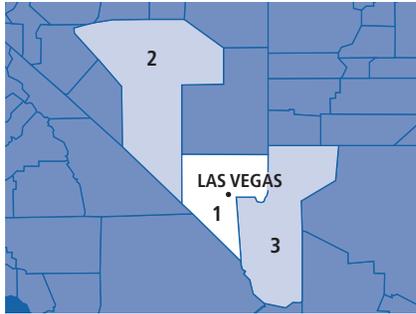
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	15	5	1	8	6
Alcohol + cocaine	7	2	—	6	1
Heroin/morphine only	2	1	1	1	—
Narcotic analgesics only	8	—	1	2	5
Cocaine + heroin/morphine	2	2	—	2	—
Alcohol + heroin/morphine	—	—	—	—	—
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	32	—	6	8	18
Cocaine + narcotic analgesics	1	1	—	1	—
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	191	49	29	100	62
Total	258	60	38	128	92

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Las Vegas, NV



Metro area population, 2002
1,722,256
Percent of population covered
by DAWN
88%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Nevada jurisdictions					
1. Clark County	376	238	138	8,549	1,522,164
2. Nye County					34,499
Arizona jurisdictions					
3. Mohave County					165,593
Total participating (1)	376	238	138	8,549	1,522,164

Shaded areas did not participate in DAWN in 2002.

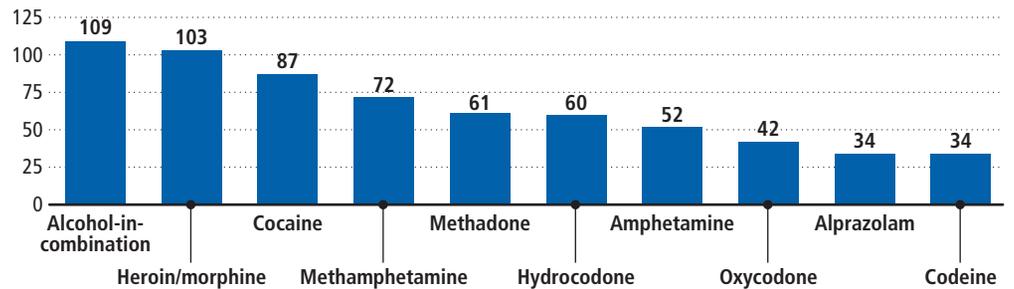
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	254	6-17	4	White	318
Female	121	18-24	17	Black	24
		25-34	65	Hispanic	29
		35-44	100	All others	5
		45-97	189		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	29%	35%	17%	25%	35%	28%	30%	28%
Number of drugs involved								
Single-drug	24%	23%	26%	—	35%	20%	22%	25%
Multi-drug	76%	77%	74%	100%	65%	80%	78%	75%
Cause of death								
Drug-induced	63%	61%	68%	50%	65%	62%	72%	59%
Drug-related	37%	39%	32%	50%	35%	38%	28%	41%
Manner of death								
Suicide	19%	19%	20%	50%	29%	15%	12%	23%
Accidental/unexpected	69%	70%	65%	50%	65%	80%	75%	63%
All others	12%	11%	15%	—	6%	5%	13%	15%

Top 10 drugs mentioned



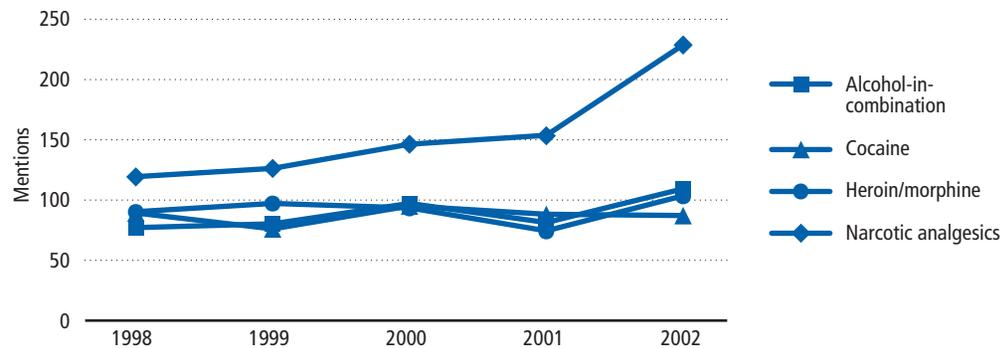
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	77	80	97	81	109	N/A
Cocaine	89	76	95	88	87	11
Heroin/morphine	90	97	93	74	103	14
Marijuana	1	2	24	22	15	1
Amphetamines	35	31	32	33	52	1
Methamphetamine	49	45	49	53	72	6
Club drugs ¹	1	4	8	4	1	—
Hallucinogens ²	2	3	—	2	2	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	119	126	146	153	228	37
Other analgesics	7	12	12	8	17	3
Benzodiazepines	62	66	100	86	99	8
Antidepressants	41	57	33	55	32	—
All other substances ³	68	78	93	69	79	8
Total drug mentions	641	677	782	728	896	89
Total drug deaths	232	252	286	273	376	89
Total deaths certified	6,716	7,165	7,378	8,074	8,549	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

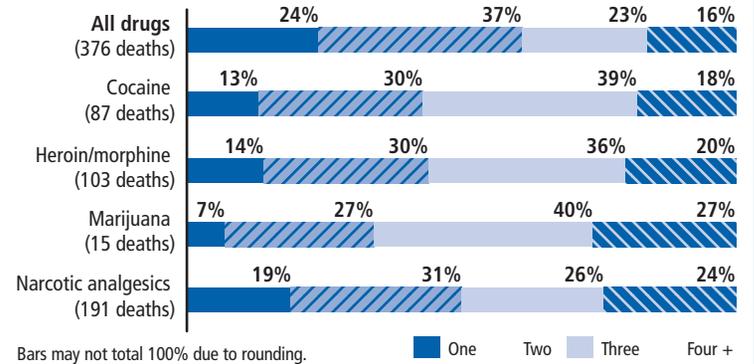


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	11	2	—	9	2
Alcohol + cocaine	9	3	—	8	1
Heroin/morphine only	14	10	1	9	4
Narcotic analgesics only	37	23	4	28	5
Cocaine + heroin/morphine	13	9	—	12	1
Alcohol + heroin/morphine	4	4	—	3	1
Alcohol + cocaine + heroin/morphine	9	6	—	9	—
Heroin/morphine + narcotic analgesics	10	9	—	10	—
Marijuana only	1	—	1	—	—
Cocaine + narcotic analgesics	1	1	—	1	—
Cocaine + heroin/morphine + narcotic analgesics	12	11	—	11	1
All other drugs/combinations	255	160	66	159	30
Total	376	238	72	259	45

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Long Island, NY



Metro area population, 2002
2,803,547
Percent of population covered
by DAWN
52%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Nassau County					1,344,892
2. Suffolk County	129	117	12	4,456	1,458,655
Total participating (1)	129	117	12	4,456	1,458,655

Shaded areas did not participate in DAWN in 2002.

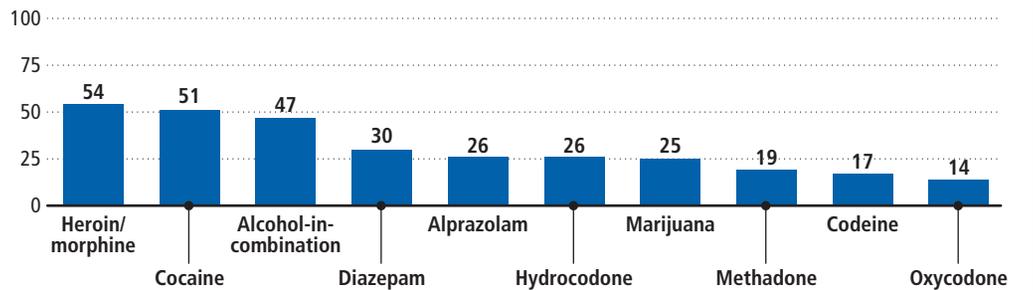
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	97	6-17	1	White	119
Female	32	18-24	18	Black	6
		25-34	20	Hispanic	3
		35-44	47	All others	1
		45-97	43		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	36%	33%	47%	—	17%	45%	32%	47%
Number of drugs involved								
Single-drug	6%	6%	6%	—	11%	—	11%	2%
Multi-drug	94%	94%	94%	100%	89%	100%	89%	98%
Cause of death								
Drug-induced	91%	90%	94%	100%	83%	95%	94%	88%
Drug-related	9%	10%	6%	—	17%	5%	6%	12%
Manner of death								
Suicide	17%	11%	34%	—	6%	15%	15%	26%
Accidental/unexpected	81%	87%	63%	100%	94%	85%	81%	72%
All others	2%	2%	3%	—	—	—	4%	2%

Top 10 drugs mentioned



SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

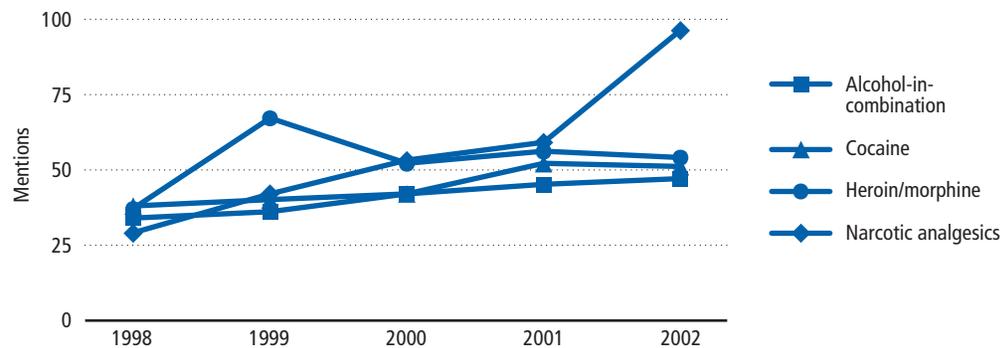
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	34	36	42	45	47	N/A
Cocaine	38	40	42	52	51	3
Heroin/morphine	37	67	52	56	54	2
Marijuana	19	25	12	19	25	—
Amphetamines	2	—	—	1	—	—
Methamphetamine	2	—	—	—	—	—
Club drugs ¹	—	1	2	1	—	—
Hallucinogens ²	1	1	—	2	2	—
Inhalants	—	—	—	—	2	1
Narcotic analgesics ³	29	42	53	59	96	—
Other analgesics	19	21	22	20	12	—
Benzodiazepines	23	25	21	35	59	—
Antidepressants	31	46	63	30	61	—
All other substances ³	73	74	64	40	75	2
Total drug mentions	308	378	373	360	484	8
Total drug deaths	88	112	107	111	129	8
Total deaths certified	4,275	4,256	4,402	4,454	4,456	N/A

This table includes only those counties that provided data for every year shown. Nassau County, which did not provide data for 2002, has been excluded.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

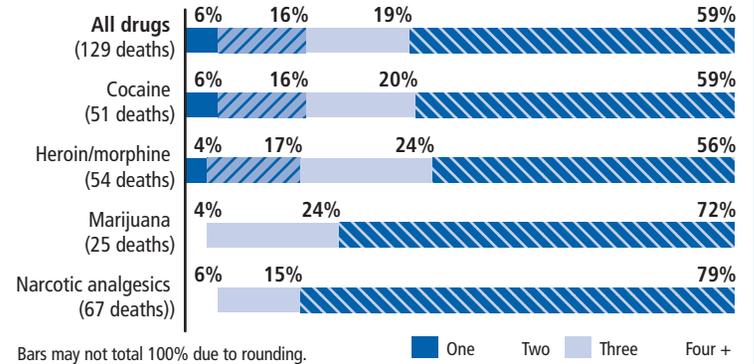


Selected drug combinations by cause and manner of death

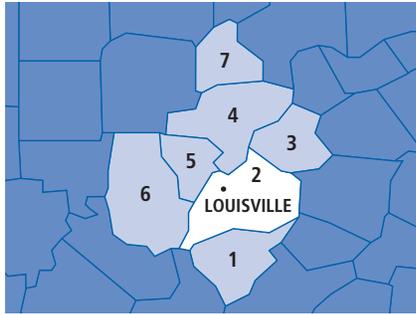
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	3	1	—	3	—
Alcohol + cocaine	5	4	—	5	—
Heroin/morphine only	2	2	—	2	—
Narcotic analgesics only	—	—	—	—	—
Cocaine + heroin/morphine	1	1	—	1	—
Alcohol + heroin/morphine	5	5	—	5	—
Alcohol + cocaine + heroin/morphine	1	1	—	1	—
Heroin/morphine + narcotic analgesics	2	2	—	2	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	—	—	—	—	—
Cocaine + heroin/morphine + narcotic analgesics	2	2	—	2	—
All other drugs/combinations	108	99	22	83	3
Total	129	117	22	104	3

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Louisville, KY



Metro area population, 2002
1,039,599
Percent of population covered
by DAWN
67%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Kentucky jurisdictions					
1. Bullitt County					63,800
2. Jefferson County	83	45	38	3,748	698,080
3. Oldham County					49,310
Indiana jurisdictions					
4. Clark County					98,198
5. Floyd County					71,633
6. Harrison County					35,244
7. Scott County					23,334
Total participating (1)	83	45	38	3,748	698,080

Shaded areas did not participate in DAWN in 2002.

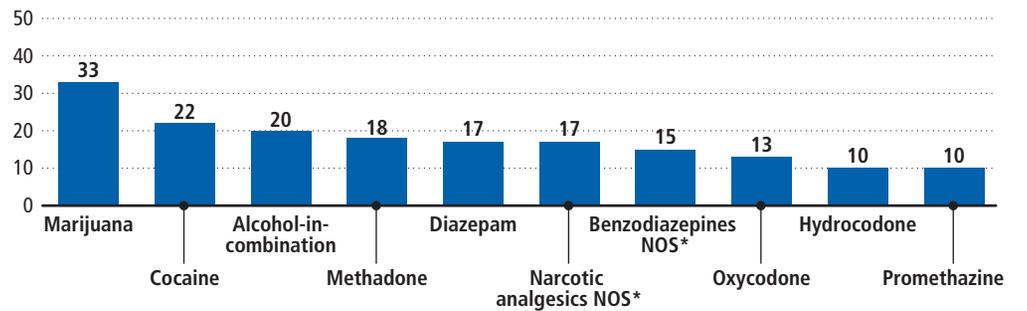
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	53	6-17	2	White	69
Female	30	18-24	14	Black	13
		25-34	15	Hispanic	—
		35-44	22	All others	1
		45-97	30		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	24%	26%	20%	—	29%	20%	23%	27%
Number of drugs involved								
Single-drug	17%	17%	17%	—	43%	20%	5%	13%
Multi-drug	83%	83%	83%	100%	57%	80%	95%	87%
Cause of death								
Drug-induced	54%	45%	70%	—	29%	47%	73%	60%
Drug-related	46%	55%	30%	100%	71%	53%	27%	40%
Manner of death								
Suicide	20%	21%	20%	—	14%	27%	18%	23%
Accidental/unexpected	63%	58%	70%	100%	79%	67%	68%	47%
All others	17%	21%	10%	—	7%	7%	14%	30%

Top 10 drugs mentioned



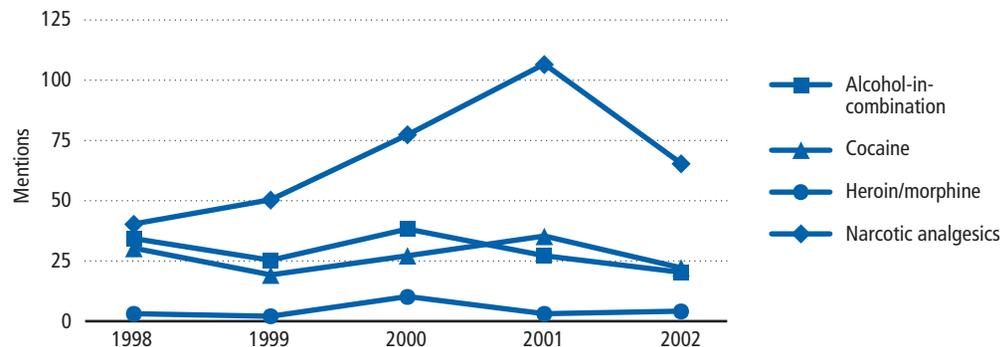
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	34	25	38	27	20	N/A
Cocaine	30	19	27	35	22	4
Heroin/morphine	3	2	10	3	4	—
Marijuana	29	16	45	29	33	9
Amphetamines	—	2	8	7	3	—
Methamphetamine	—	2	3	—	—	—
Club drugs ¹	—	—	1	—	—	—
Hallucinogens ²	1	—	—	1	—	—
Inhalants	—	—	1	1	—	—
Narcotic analgesics ³	40	50	77	106	65	—
Other analgesics	22	18	34	13	8	—
Benzodiazepines	33	29	67	51	35	—
Antidepressants	28	31	37	27	26	1
All other substances ³	38	39	36	32	49	—
Total drug mentions	258	233	384	332	265	14
Total drug deaths	80	61	109	92	83	14
Total deaths certified	3,710	3,822	3,974	3,753	3,748	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

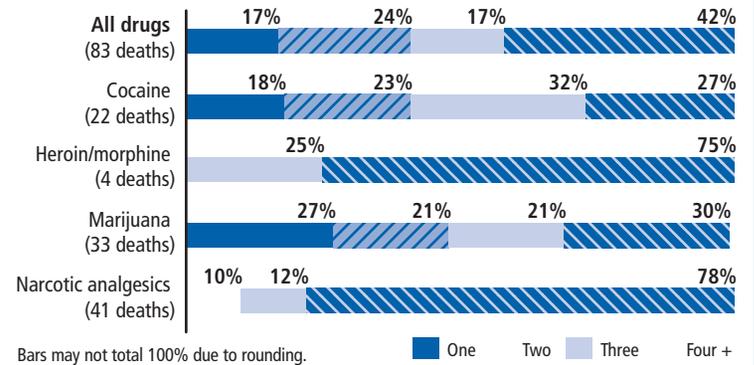


Selected drug combinations by cause and manner of death

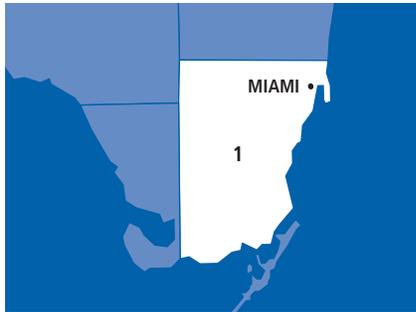
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	4	4	—	4	—
Alcohol + cocaine	4	—	1	2	1
Heroin/morphine only	—	—	—	—	—
Narcotic analgesics only	—	—	—	—	—
Cocaine + heroin/morphine	—	—	—	—	—
Alcohol + heroin/morphine	—	—	—	—	—
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	9	—	1	7	1
Cocaine + narcotic analgesics	—	—	—	—	—
Cocaine + heroin/morphine + narcotic analgesics	1	1	—	—	1
All other drugs/combinations	65	40	15	39	11
Total	83	45	17	52	14

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Miami, FL



Metro area population, 2002
2,332,599
Percent of population covered
by DAWN
100%

Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	125	6-17	1	White	83
Female	37	18-24	15	Black	42
		25-34	31	Hispanic	37
		35-44	40	All others	—
		45-97	74		

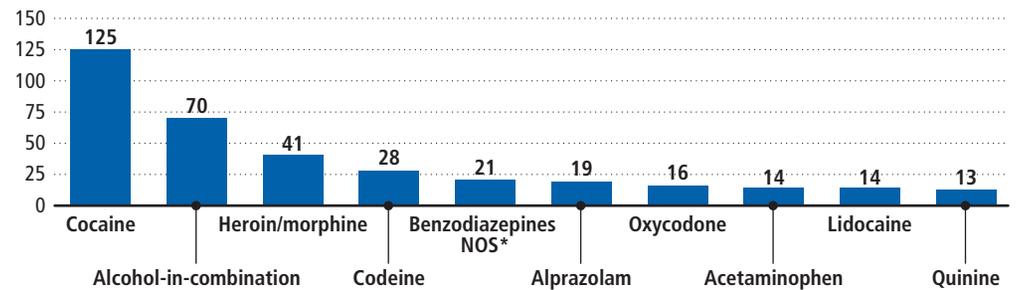
Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Miami-Dade County	162	74	88	3,112	2,332,599
Total participating (1)	162	74	88	3,112	2,332,599

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	43%	46%	35%	100%	53%	61%	40%	35%
Number of drugs involved								
Single-drug	17%	18%	14%	—	7%	6%	10%	27%
Multi-drug	83%	82%	86%	100%	93%	94%	90%	73%
Cause of death								
Drug-induced	46%	45%	49%	—	53%	45%	60%	37%
Drug-related	54%	55%	51%	100%	47%	55%	40%	63%
Manner of death								
Suicide	14%	11%	22%	—	20%	19%	13%	11%
Accidental/unexpected	62%	64%	54%	100%	80%	74%	63%	52%
All others	25%	25%	24%	—	—	6%	25%	37%

Top 10 drugs mentioned



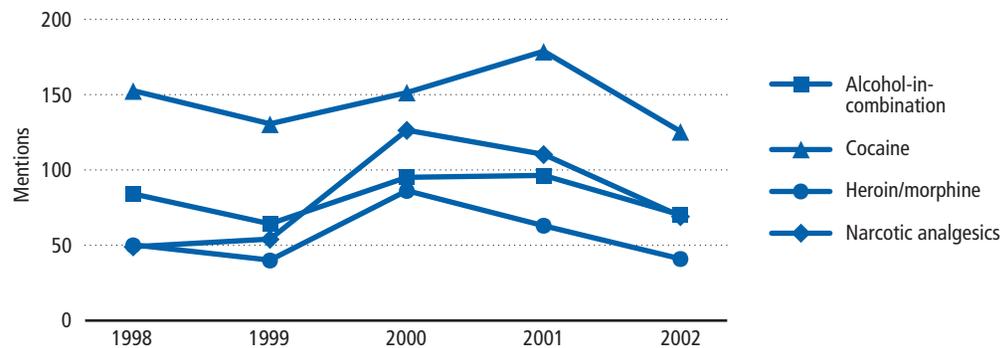
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	84	64	95	96	70	N/A
Cocaine	152	130	151	178	125	27
Heroin/morphine	50	40	86	63	41	—
Marijuana	2	3	1	3	1	—
Amphetamines	—	3	4	3	1	—
Methamphetamine	—	2	3	5	1	—
Club drugs ¹	—	5	9	15	9	—
Hallucinogens ²	—	—	—	—	—	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	49	54	126	110	69	—
Other analgesics	27	22	24	29	19	—
Benzodiazepines	38	48	92	112	65	—
Antidepressants	18	25	27	36	18	—
All other substances ³	90	82	102	90	71	—
Total drug mentions	510	478	720	740	490	27
Total drug deaths	185	167	216	239	162	27
Total deaths certified	3,105	3,081	2,999	3,053	3,112	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

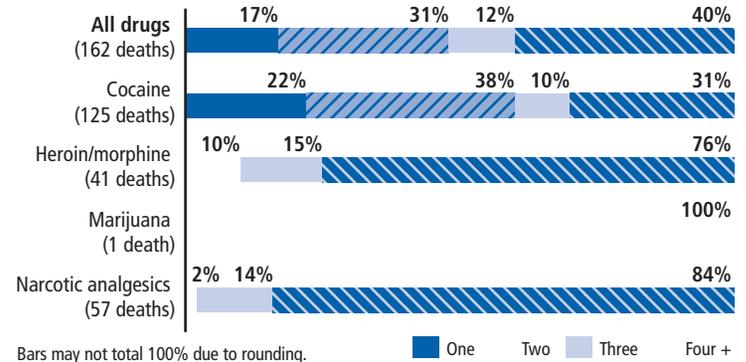


Selected drug combinations by cause and manner of death

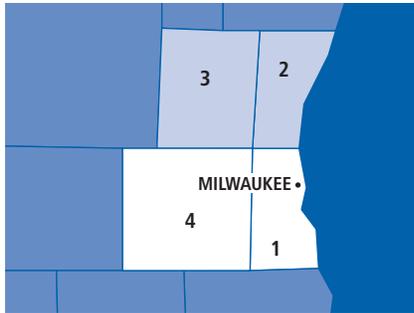
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	27	6	2	12	13
Alcohol + cocaine	32	4	6	20	6
Heroin/morphine only	—	—	—	—	—
Narcotic analgesics only	—	—	—	—	—
Cocaine + heroin/morphine	3	—	—	1	2
Alcohol + heroin/morphine	1	1	—	1	—
Alcohol + cocaine + heroin/morphine	1	—	—	—	1
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	1	—	—	—	1
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	97	63	14	66	17
Total	162	74	22	100	40

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Milwaukee, WI



Metro area population, 2002
1,512,504
Percent of population covered
by DAWN
86%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Milwaukee County*	132	115	17	1,722	937,136
2. Ozaukee County					83,915
3. Washington County					120,899
4. Waukesha County	27	16	11	325	370,554
Total participating (2)	159	131	28	2,047	1,307,690

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

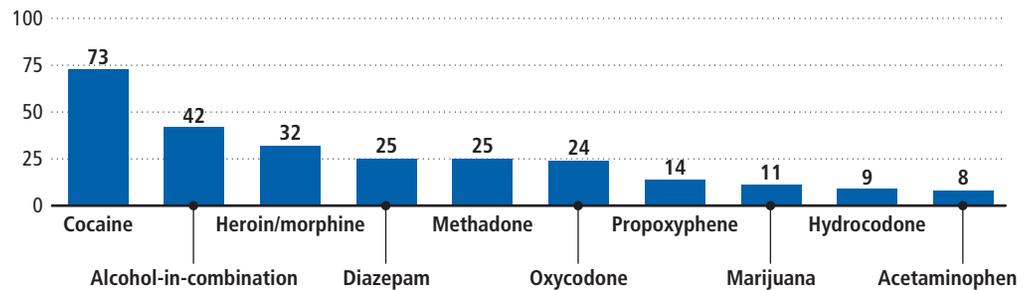
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	26%	33%	16%	—	8%	32%	30%	25%
Number of drugs involved								
Single-drug	28%	33%	19%	—	33%	11%	29%	31%
Multi-drug	72%	67%	81%	100%	67%	89%	71%	69%
Cause of death								
Drug-induced	82%	80%	86%	100%	58%	95%	80%	85%
Drug-related	18%	20%	14%	—	42%	5%	20%	15%
Manner of death								
Suicide	16%	16%	17%	—	42%	16%	14%	14%
Accidental/unexpected	75%	74%	78%	100%	50%	79%	79%	76%
All others	8%	10%	5%	—	8%	5%	7%	10%

Top 10 drugs mentioned



SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

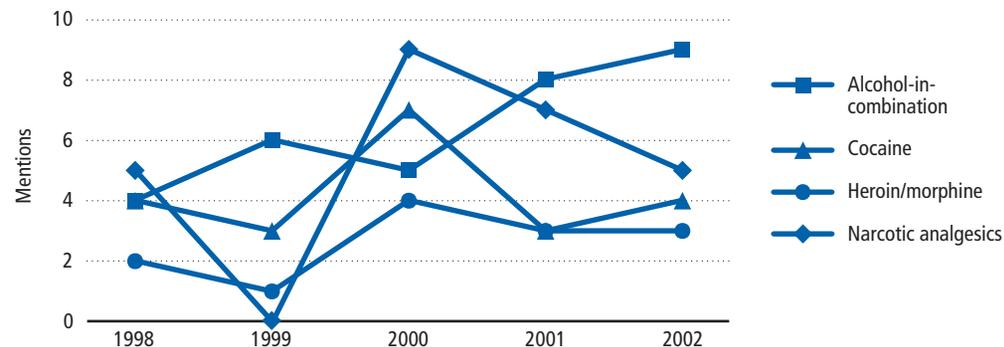
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	4	6	5	8	9	N/A
Cocaine	4	3	7	3	4	1
Heroin/morphine	2	1	4	3	3	3
Marijuana	2	4	6	7	9	7
Amphetamines	—	—	—	—	—	—
Methamphetamine	—	—	—	—	—	—
Club drugs ¹	—	—	—	—	—	—
Hallucinogens ²	—	—	—	—	—	—
Inhalants	—	—	—	2	—	—
Narcotic analgesics ³	5	—	9	7	5	—
Other analgesics	3	—	4	3	1	—
Benzodiazepines	4	—	6	2	4	—
Antidepressants	6	4	4	8	7	—
All other substances ³	—	3	12	6	10	1
Total drug mentions	30	21	57	49	52	12
Total drug deaths	10	9	20	23	27	12
Total deaths certified	493	231	285	296	325	N/A

This table includes only Waukesha County. Milwaukee County, which began participating in DAWN in 2000, is shown in an Area Spotlight.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

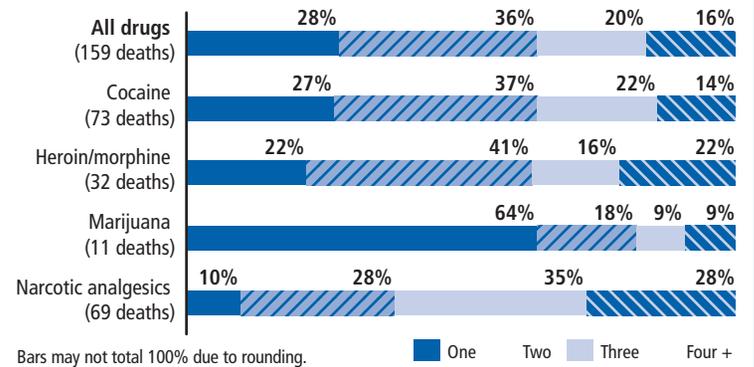


Selected drug combinations by cause and manner of death

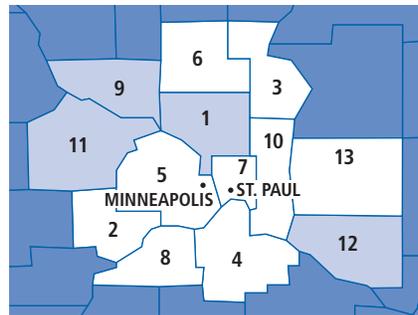
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	20	9	1	14	5
Alcohol + cocaine	9	7	—	9	—
Heroin/morphine only	7	7	—	7	—
Narcotic analgesics only	7	7	—	5	2
Cocaine + heroin/morphine	7	6	—	7	—
Alcohol + heroin/morphine	6	6	—	6	—
Alcohol + cocaine + heroin/morphine	1	1	—	1	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	7	—	6	—	1
Cocaine + narcotic analgesics	4	4	—	4	—
Cocaine + heroin/morphine + narcotic analgesics	1	1	—	1	—
All other drugs/combinations	90	83	19	66	5
Total	159	131	26	120	13

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Minneapolis-St. Paul, MN



Metro area population, 2002
3,054,637
Percent of population covered
by DAWN
83%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Minnesota jurisdictions					
1. Anoka County					309,790
2. Carver County	2	2	—	63	75,620
3. Chisago County	1	1	—	32	44,580
4. Dakota County	9	3	6	210	368,972
5. Hennepin County*	80	70	10	1,325	1,122,259
6. Isanti County	—	—	—	218	33,799
7. Ramsey County*	58	35	23	1,161	510,568
8. Scott County	9	5	4	72	103,681
9. Sherburne County					71,471
10. Washington County	7	6	1	224	210,270
11. Wright County					98,083
Wisconsin jurisdictions					
12. Pierce County					37,422
13. St. Croix County	3	1	2	223	68,122
Total participating (9)	169	123	46	3,528	2,537,871

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

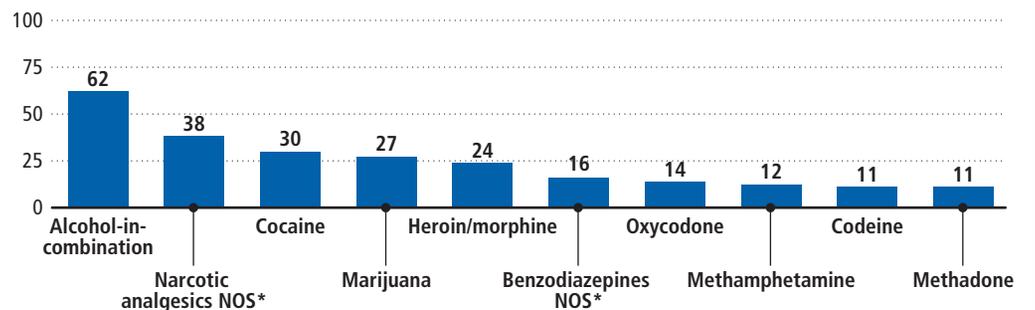
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	120	6-17	2	White	137
Female	49	18-24	21	Black	20
		25-34	24	Hispanic	3
		35-44	57	All others	9
		45-97	65		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	37%	42%	24%	—	33%	33%	37%	40%
Number of drugs involved								
Single-drug	31%	30%	33%	100%	48%	25%	28%	28%
Multi-drug	69%	70%	67%	—	52%	75%	72%	72%
Cause of death								
Drug-induced	73%	70%	80%	—	57%	75%	79%	74%
Drug-related	27%	30%	20%	100%	43%	25%	21%	26%
Manner of death								
Suicide	25%	18%	41%	—	29%	21%	18%	32%
Accidental/unexpected	61%	67%	47%	100%	57%	67%	67%	54%
All others	14%	15%	12%	—	14%	13%	16%	14%

Top 10 drugs mentioned



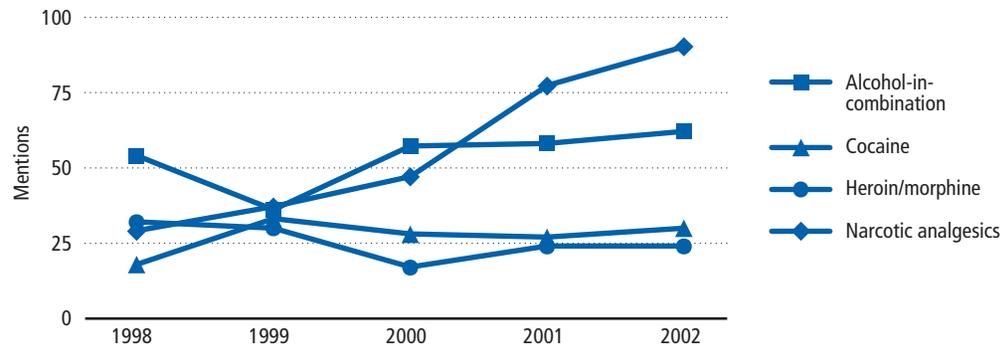
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	54	36	57	58	62	N/A
Cocaine	18	33	28	27	30	6
Heroin/morphine	32	30	17	24	24	6
Marijuana	25	14	19	11	27	5
Amphetamines	6	3	3	5	7	1
Methamphetamine	6	5	8	4	12	5
Club drugs ¹	1	3	6	—	1	1
Hallucinogens ²	—	—	—	1	—	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	29	37	47	77	90	17
Other analgesics	11	10	7	19	16	3
Benzodiazepines	9	12	24	21	22	1
Antidepressants	35	30	17	19	33	2
All other substances ³	35	19	21	30	37	5
Total drug mentions	261	232	254	296	361	52
Total drug deaths	117	97	115	134	169	52
Total deaths certified	3,592	3,452	3,607	3,546	3,528	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

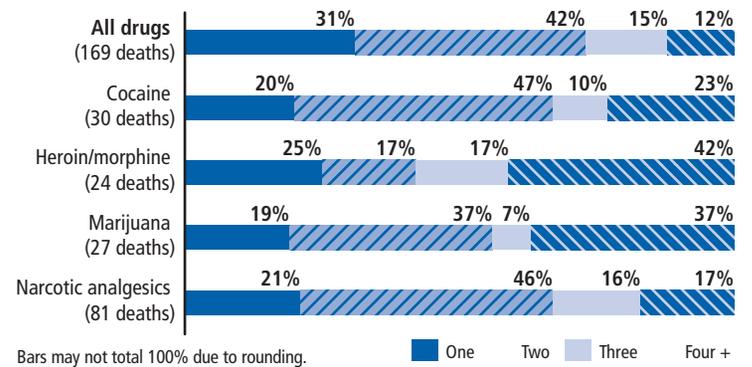


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	6	3	—	5	1
Alcohol + cocaine	6	3	—	5	1
Heroin/morphine only	6	4	—	4	2
Narcotic analgesics only	17	15	1	14	2
Cocaine + heroin/morphine	—	—	—	—	—
Alcohol + heroin/morphine	1	1	—	1	—
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	1	1	—	1	—
Marijuana only	5	—	—	1	4
Cocaine + narcotic analgesics	4	3	—	4	—
Cocaine + heroin/morphine + narcotic analgesics	1	1	—	1	—
All other drugs/combinations	122	92	41	67	14
Total	169	123	42	103	24

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



New Orleans, LA



Metro area population, 2002
1,336,603
Percent of population covered
by DAWN
93%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Jefferson Parish*	129	100	29	2,720	452,789
2. Orleans Parish*	82	50	32	1,832	473,681
3. Plaquemines Parish					27,332
4. St. Bernard Parish	34	34	—	352	66,219
5. St. Charles Parish					49,250
6. St. James Parish					21,349
7. St. John Baptist Parish	2	2	—	58	44,521
8. St. Tammany Parish	82	54	28	289	201,462
Total participating (5)	329	240	89	5,251	1,238,672

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

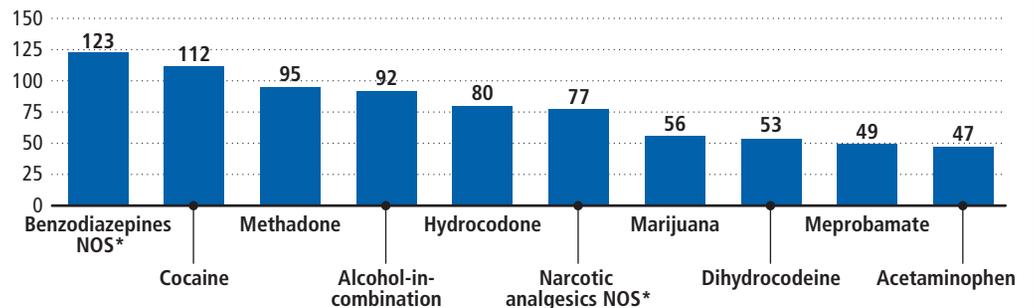
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	257	6-17	10	White	274
Female	71	18-24	43	Black	48
		25-34	84	Hispanic	6
		35-44	93	All others	1
		45-97	98		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	28%	31%	18%	50%	23%	30%	30%	24%
Number of drugs involved								
Single-drug	9%	11%	4%	—	16%	10%	6%	9%
Multi-drug	91%	89%	96%	100%	84%	90%	94%	91%
Cause of death								
Drug-induced	73%	70%	85%	50%	79%	75%	82%	63%
Drug-related	27%	30%	15%	50%	21%	25%	18%	37%
Manner of death								
Suicide	11%	11%	10%	20%	12%	2%	5%	21%
Accidental/unexpected	58%	54%	69%	70%	63%	67%	65%	40%
All others	32%	35%	21%	10%	26%	31%	30%	38%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

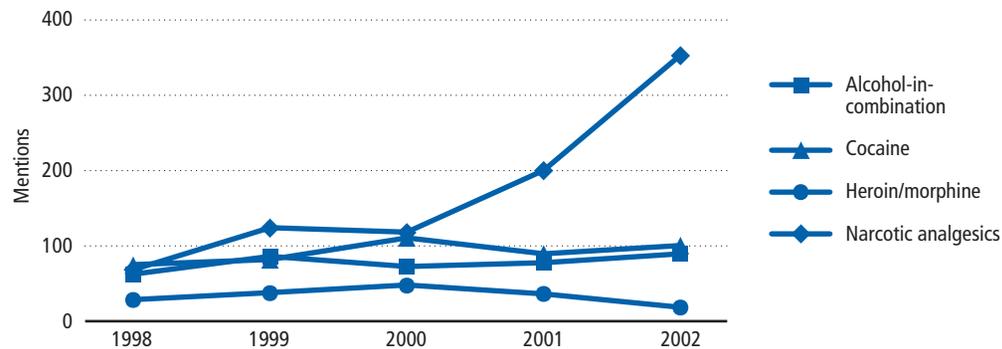
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	63	86	73	78	90	N/A
Cocaine	75	82	111	90	101	13
Heroin/morphine	29	38	48	37	19	—
Marijuana	49	58	55	39	51	1
Amphetamines	7	7	4	3	13	2
Methamphetamine	—	—	—	—	3	—
Club drugs ¹	1	4	3	7	7	—
Hallucinogens ²	—	1	2	—	—	—
Inhalants	—	—	—	1	—	—
Narcotic analgesics ³	69	124	118	200	352	12
Other analgesics	13	13	9	19	53	—
Benzodiazepines	55	67	78	73	148	—
Antidepressants	6	26	11	17	27	—
All other substances ³	43	75	37	100	235	—
Total drug mentions	410	581	549	664	1,099	28
Total drug deaths	175	211	223	212	295	28
Total deaths certified	5,149	5,070	5,139	5,045	4,899	N/A

This table includes only those counties that provided data for every year shown. St. Bernard Parish, which did not provide data for 2001, has been excluded.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

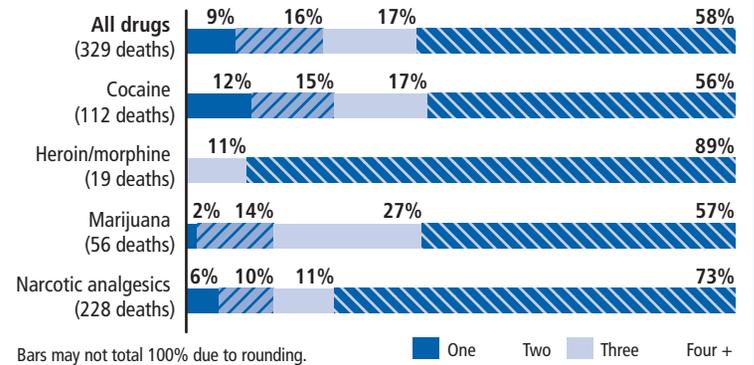


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	13	9	—	4	9
Alcohol + cocaine	9	4	—	7	2
Heroin/morphine only	—	—	—	—	—
Narcotic analgesics only	14	13	—	8	6
Cocaine + heroin/morphine	—	—	—	—	—
Alcohol + heroin/morphine	—	—	—	—	—
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	1	—	1	—	—
Cocaine + narcotic analgesics	1	1	—	—	1
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	291	213	34	171	86
Total	329	240	35	190	104

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



New York, NY



Metro area population, 2002
9,411,687
Percent of population covered
by DAWN
87%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Bronx County*	175	121	54	4,339	1,354,068
2. Kings County*	224	171	53	6,012	2,488,194
3. New York County*	298	206	92	6,836	1,546,856
4. Putnam County	—	—	—	205	98,257
5. Queens County*	153	110	43	5,315	2,237,815
6. Richmond County*	44	36	8	1,360	457,383
7. Rockland County					291,835
8. Westchester County					937,279
Total participating (6)	894	644	250	24,067	8,182,573

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

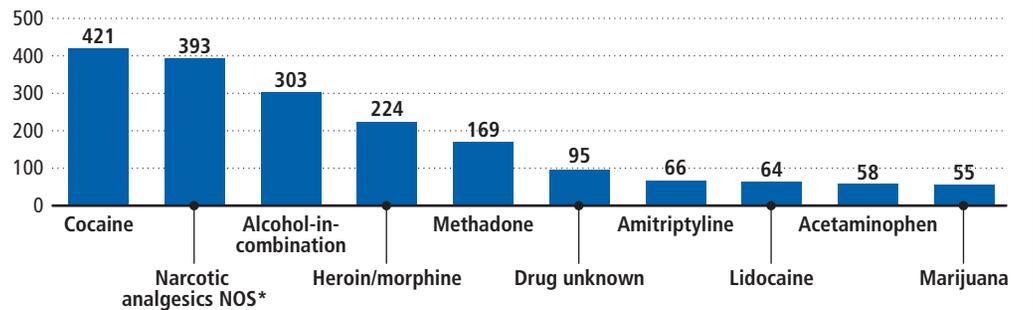
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	672	6-17	7	White	387
Female	220	18-24	57	Black	270
		25-34	145	Hispanic	211
		35-44	291	All others	26
		45-97	393		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	34%	35%	30%	14%	28%	38%	40%	29%
Number of drugs involved								
Single-drug	23%	24%	20%	43%	12%	22%	19%	26%
Multi-drug	77%	76%	80%	57%	88%	78%	81%	74%
Cause of death								
Drug-induced	72%	71%	74%	57%	68%	78%	75%	68%
Drug-related	28%	29%	26%	43%	32%	22%	25%	32%
Manner of death								
Suicide	10%	9%	12%	29%	11%	10%	10%	9%
Accidental/unexpected	74%	75%	71%	71%	81%	81%	78%	68%
All others	16%	16%	16%	—	9%	8%	13%	23%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

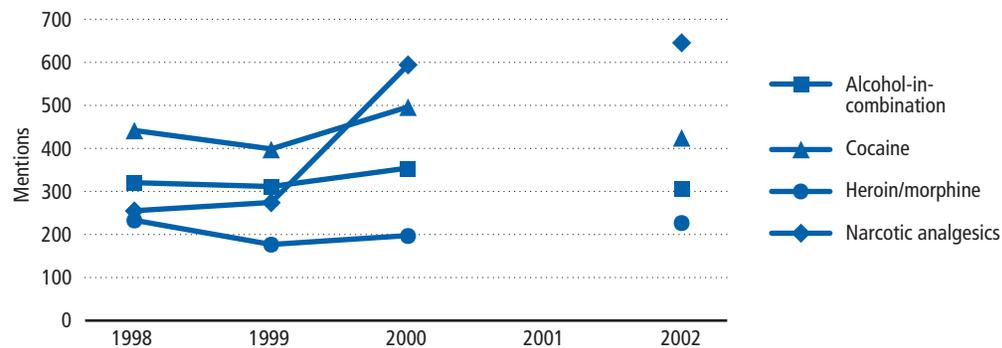
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	316	308	350	—	303	N/A
Cocaine	438	394	492	—	421	66
Heroin/morphine	230	174	194	—	224	3
Marijuana	30	19	37	—	55	7
Amphetamines	—	—	1	—	6	—
Methamphetamine	—	2	3	—	6	—
Club drugs ¹	2	4	5	—	19	2
Hallucinogens ²	—	3	6	—	6	1
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	252	271	590	—	641	51
Other analgesics	31	23	30	—	82	1
Benzodiazepines	6	12	25	—	115	1
Antidepressants	38	33	54	—	281	4
All other substances ³	30	74	128	—	436	66
Total drug mentions	1,373	1,317	1,915	—	2,595	202
Total drug deaths	761	729	924	—	894	202
Total deaths certified	—	—	—	—	24,067	N/A

Data for 2001 were incomplete and not published. Total deaths certified for years prior to 2001 were discovered to be incorrect and have been removed.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

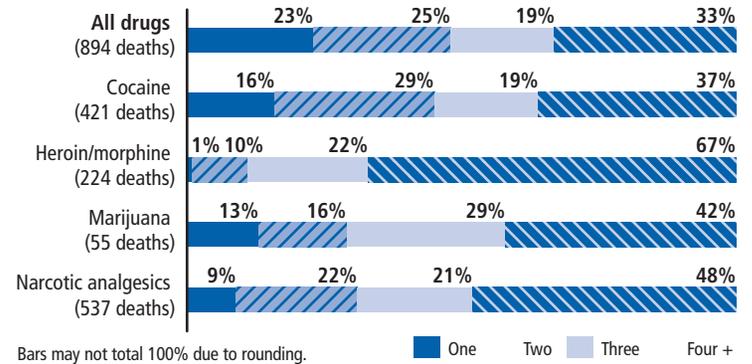


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	66	48	2	54	10
Alcohol + cocaine	49	34	4	41	4
Heroin/morphine only	3	2	—	2	1
Narcotic analgesics only	51	35	1	33	17
Cocaine + heroin/morphine	4	2	—	2	2
Alcohol + heroin/morphine	3	2	—	2	1
Alcohol + cocaine + heroin/morphine	1	1	—	1	—
Heroin/morphine + narcotic analgesics	14	13	—	14	—
Marijuana only	7	—	2	4	1
Cocaine + narcotic analgesics	46	42	—	42	4
Cocaine + heroin/morphine + narcotic analgesics	15	14	1	14	—
All other drugs/combinations	635	451	78	454	103
Total	894	644	88	663	143

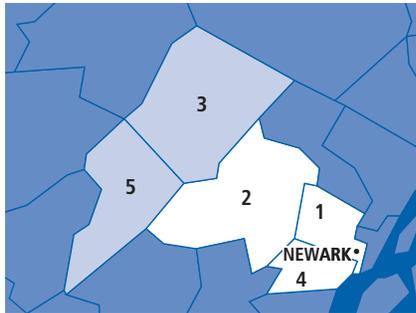
* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Bars may not total 100% due to rounding.

Newark, NJ



Metro area population, 2002
2,064,011
Percent of population covered
by DAWN
88%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Essex County*	157	109	48	2,682	798,301
2. Morris County	27	26	1	954	478,730
3. Sussex County					148,680
4. Union County	60	43	17	1,349	530,763
5. Warren County					107,537
Total participating (3)	244	178	66	4,985	1,807,794

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

MORTALITY DATA FROM DAWN

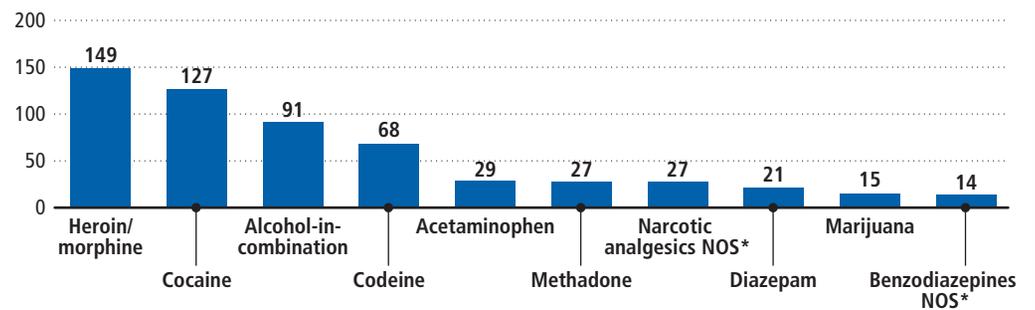
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age			Race/Ethnicity	
Male	190	6-17	—	White	101	
Female	53	18-24	14	Black	109	
		25-34	40	Hispanic	31	
		35-44	96	All others	3	
		45-97	92			

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	37%	40%	28%	—	36%	28%	46%	33%
Number of drugs involved								
Single-drug	14%	13%	19%	—	21%	13%	11%	16%
Multi-drug	86%	87%	81%	—	79%	88%	89%	84%
Cause of death								
Drug-induced	73%	73%	74%	—	86%	80%	79%	62%
Drug-related	27%	27%	26%	—	14%	20%	21%	38%
Manner of death								
Suicide	9%	9%	9%	—	7%	15%	5%	11%
Accidental/unexpected	84%	85%	83%	—	86%	80%	85%	85%
All others	7%	6%	8%	—	7%	5%	9%	4%

Top 10 drugs mentioned



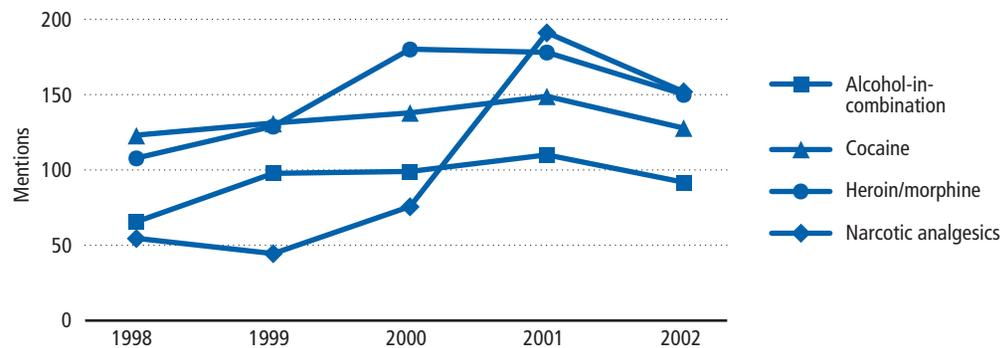
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	65	97	98	109	91	N/A
Cocaine	122	130	137	148	127	16
Heroin/morphine	107	128	179	177	149	7
Marijuana	21	21	14	38	15	4
Amphetamines	1	1	—	—	3	—
Methamphetamine	—	1	1	—	—	—
Club drugs ¹	—	1	1	2	2	1
Hallucinogens ²	—	—	1	—	1	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	54	44	75	190	151	4
Other analgesics	22	15	13	24	33	1
Benzodiazepines	31	49	35	33	54	—
Antidepressants	34	25	48	29	26	—
All other substances ³	16	24	23	45	39	1
Total drug mentions	473	536	625	795	691	34
Total drug deaths	203	225	250	304	244	34
Total deaths certified	5,022	5,039	4,802	4,734	4,985	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

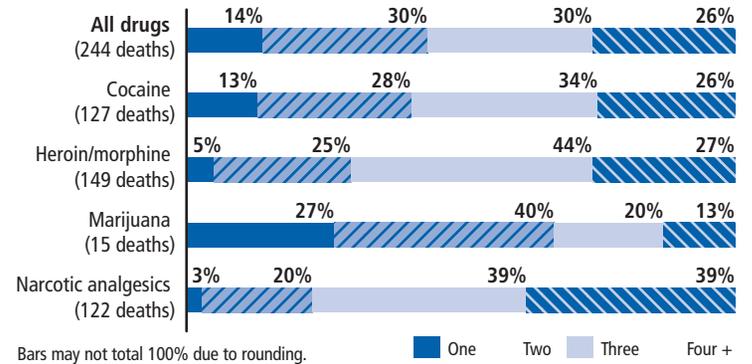


Selected drug combinations by cause and manner of death

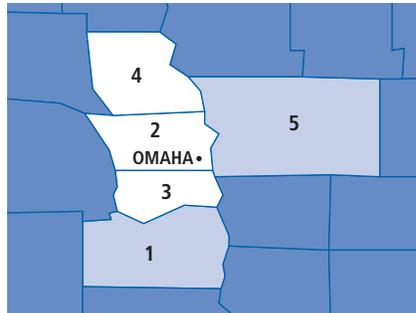
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	16	10	2	13	1
Alcohol + cocaine	13	10	1	11	1
Heroin/morphine only	7	4	—	7	—
Narcotic analgesics only	4	1	—	4	—
Cocaine + heroin/morphine	12	10	1	9	2
Alcohol + heroin/morphine	10	10	1	9	—
Alcohol + cocaine + heroin/morphine	15	13	—	15	—
Heroin/morphine + narcotic analgesics	12	10	1	10	1
Marijuana only	4	—	1	3	—
Cocaine + narcotic analgesics	5	3	—	5	—
Cocaine + heroin/morphine + narcotic analgesics	21	15	1	19	1
All other drugs/combinations	125	92	14	101	10
Total	244	178	22	206	16

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Omaha, NE



Metro area population, 2002
734,270
Percent of population covered
by DAWN
85%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Nebraska jurisdictions					
1. Cass County					24,839
2. Douglas County	66	20	46	2,844	472,744
3. Sarpy County	—	—	—	334	129,319
4. Washington County	—	—	—	34	19,211
Iowa jurisdictions					
5. Pottawattamie County					88,157
Total participating (3)	66	20	46	3,212	621,274

Shaded areas did not participate in DAWN in 2002.

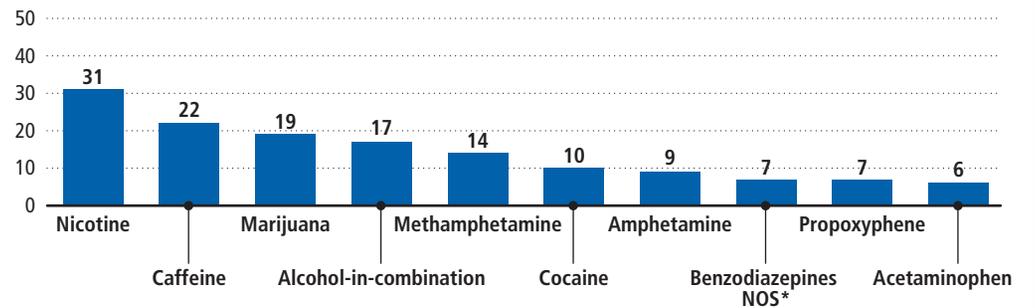
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	26%	33%	13%	—	29%	11%	32%	27%
Number of drugs involved								
Single-drug	11%	12%	8%	—	—	11%	16%	9%
Multi-drug	89%	88%	92%	100%	100%	89%	84%	91%
Cause of death								
Drug-induced	30%	21%	46%	—	14%	44%	32%	32%
Drug-related	70%	79%	54%	100%	86%	56%	68%	68%
Manner of death								
Suicide	21%	24%	17%	33%	43%	22%	16%	18%
Accidental/unexpected	21%	24%	17%	33%	43%	33%	20%	9%
All others	58%	52%	67%	33%	14%	44%	64%	73%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

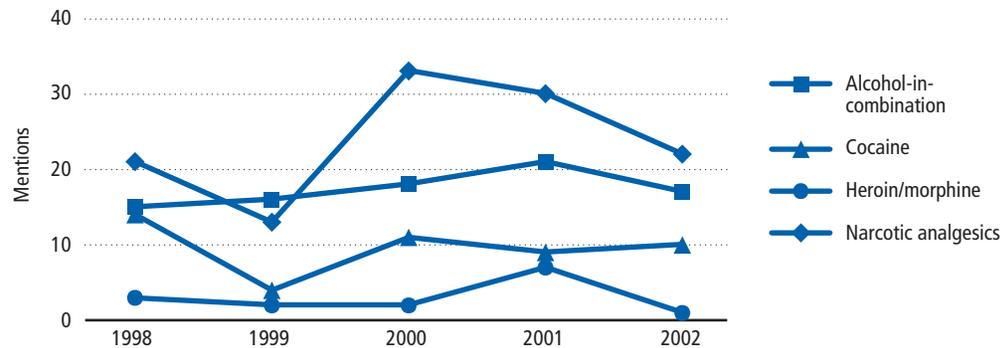
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	15	16	18	21	17	N/A
Cocaine	14	4	11	9	10	—
Heroin/morphine	3	2	2	7	1	—
Marijuana	12	16	18	16	19	4
Amphetamines	5	3	7	7	9	—
Methamphetamine	5	3	7	8	14	—
Club drugs ¹	—	—	—	—	—	—
Hallucinogens ²	—	—	—	—	2	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	21	13	33	30	22	1
Other analgesics	8	8	12	8	12	—
Benzodiazepines	14	8	11	2	12	2
Antidepressants	12	18	17	29	27	—
All other substances ³	30	19	39	60	88	—
Total drug mentions	139	110	175	197	233	7
Total drug deaths	44	42	62	60	66	7
Total deaths certified	2,999	3,078	3,021	3,252	3,212	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

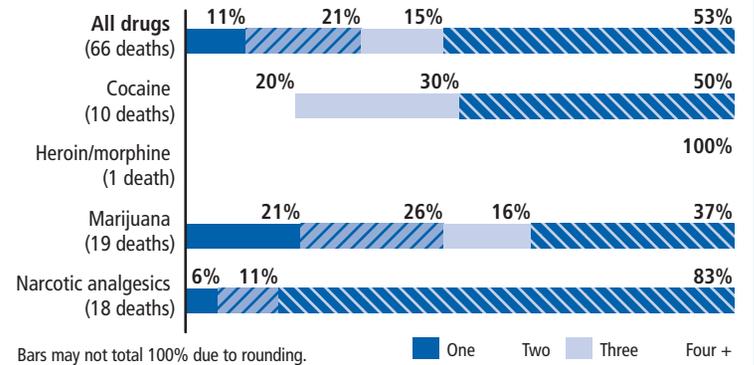


Selected drug combinations by cause and manner of death

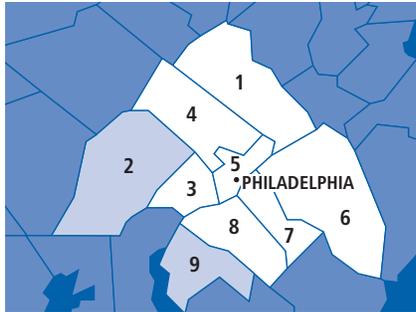
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	—	—	—	—	—
Alcohol + cocaine	1	1	—	1	—
Heroin/morphine only	—	—	—	—	—
Narcotic analgesics only	1	—	1	—	—
Cocaine + heroin/morphine	—	—	—	—	—
Alcohol + heroin/morphine	—	—	—	—	—
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	4	—	—	1	3
Cocaine + narcotic analgesics	—	—	—	—	—
Cocaine + heroin/morphine + narcotic analgesics	—	—	—	—	—
All other drugs/combinations	60	19	13	12	35
Total	66	20	14	14	38

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Philadelphia, PA



Metro area population, 2002
5,149,098
Percent of population covered
by DAWN
90%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Pennsylvania jurisdictions					
1. Bucks County	36	27	9	494	610,440
2. Chester County					450,160
3. Delaware County	112	69	43	1,207	553,435
4. Montgomery County	83	8	75	528	766,517
5. Philadelphia County*	438	330	108	5,733	1,492,231
New Jersey jurisdictions					
6. Burlington County	42	17	25	926	437,871
7. Camden County*	91	57	34	1,335	511,957
8. Gloucester County	18	17	1	543	262,049
9. Salem County					64,438
Total participating (7)	820	525	295	10,766	4,634,500

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

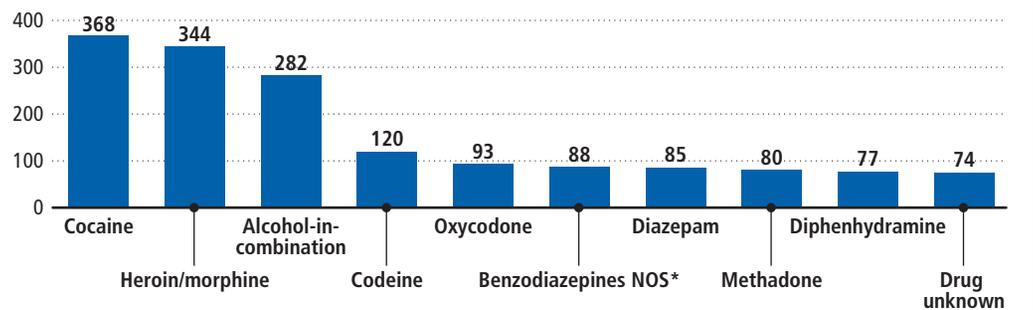
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	595	6-17	12	White	550
Female	221	18-24	81	Black	210
		25-34	176	Hispanic	52
		35-44	266	All others	8
		45-97	284		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	34%	35%	32%	17%	28%	35%	42%	29%
Number of drugs involved								
Single-drug	16%	18%	12%	33%	12%	15%	15%	19%
Multi-drug	84%	82%	88%	67%	88%	85%	85%	81%
Cause of death								
Drug-induced	64%	62%	69%	42%	57%	68%	70%	59%
Drug-related	36%	38%	31%	58%	43%	32%	30%	41%
Manner of death								
Suicide	16%	14%	20%	25%	15%	16%	14%	18%
Accidental/unexpected	72%	74%	66%	58%	78%	79%	75%	63%
All others	12%	12%	14%	17%	7%	5%	12%	19%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

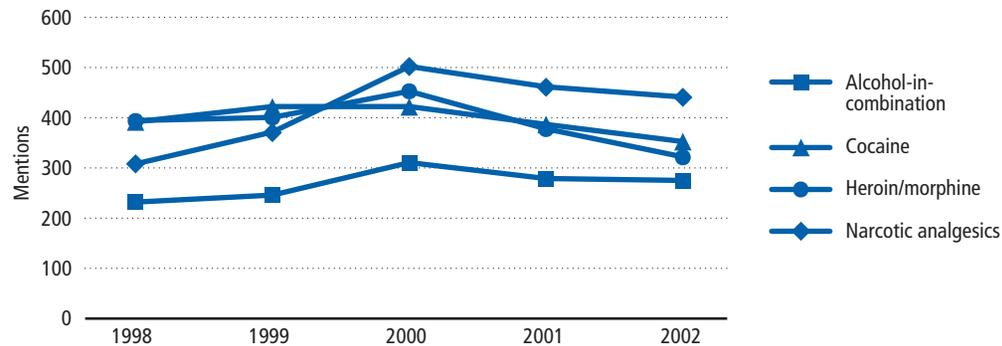
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	232	246	310	278	275	N/A
Cocaine	391	421	421	386	352	53
Heroin/morphine	393	400	452	377	321	17
Marijuana	46	32	37	42	46	16
Amphetamines	7	11	7	18	15	—
Methamphetamine	7	6	3	7	17	—
Club drugs ¹	—	10	7	16	7	—
Hallucinogens ²	33	28	33	36	46	8
Inhalants	1	5	1	2	2	2
Narcotic analgesics ³	308	370	501	460	440	14
Other analgesics	57	63	77	83	59	2
Benzodiazepines	204	190	211	234	266	5
Antidepressants	217	174	231	244	192	4
All other substances ³	295	333	353	342	404	10
Total drug mentions	2,191	2,289	2,644	2,525	2,442	131
Total drug deaths	748	788	874	811	784	131
Total deaths certified	10,210	10,376	10,472	10,121	10,272	N/A

This table includes only those counties that provided data for every year shown. Bucks County, which did not provide data for 1998, and Chester County, which did not provide data for 2002, have been excluded.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

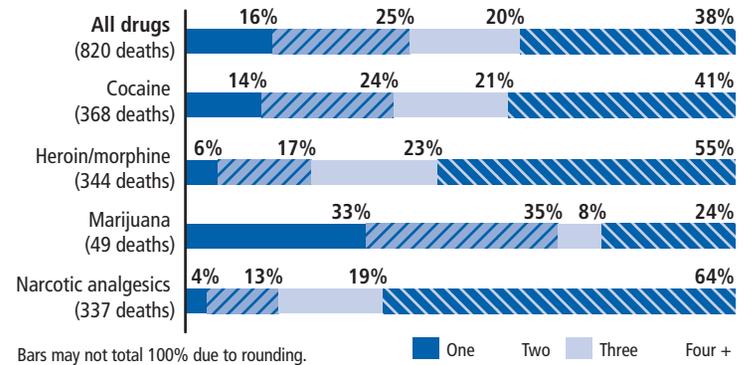


Selected drug combinations by cause and manner of death

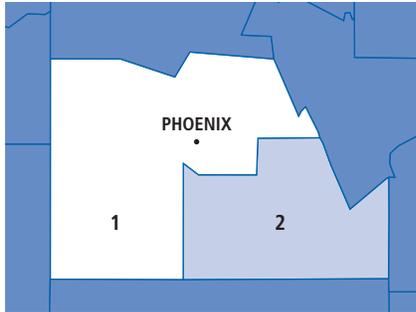
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	53	23	4	34	15
Alcohol + cocaine	47	19	13	28	6
Heroin/morphine only	21	13	2	15	4
Narcotic analgesics only	14	5	3	7	4
Cocaine + heroin/morphine	11	9	—	11	—
Alcohol + heroin/morphine	12	12	—	11	1
Alcohol + cocaine + heroin/morphine	17	16	—	17	—
Heroin/morphine + narcotic analgesics	18	13	1	15	2
Marijuana only	16	—	3	8	5
Cocaine + narcotic analgesics	6	3	—	3	3
Cocaine + heroin/morphine + narcotic analgesics	9	9	—	9	—
All other drugs/combinations	596	403	105	430	61
Total	820	525	131	588	101

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Phoenix, AZ



Metro area population, 2002
3,500,151
Percent of population covered
by DAWN
94%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Maricopa County	516	333	183	3,995	3,303,876
2. Pinal County					196,275
Total participating (1)	516	333	183	3,995	3,303,876

Shaded areas did not participate in DAWN in 2002.

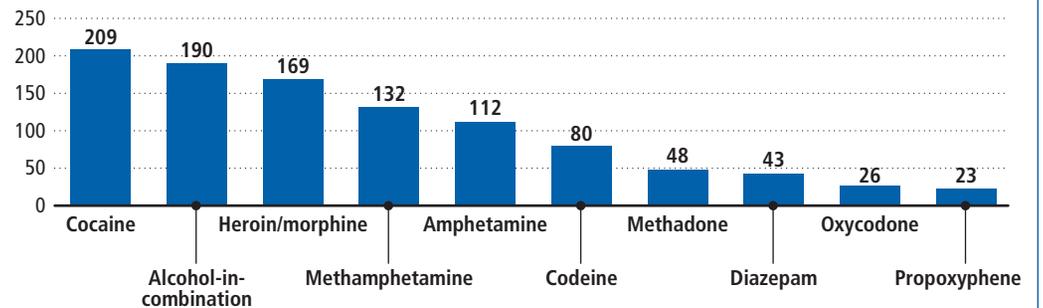
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	364	6-17	6	White	464
Female	152	18-24	60	Black	31
		25-34	112	Hispanic	—
		35-44	162	All others	21
		45-97	173		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	37%	42%	24%	33%	35%	40%	38%	35%
Number of drugs involved								
Single-drug	17%	15%	24%	33%	12%	17%	17%	20%
Multi-drug	83%	85%	76%	67%	88%	83%	83%	80%
Cause of death								
Drug-induced	65%	60%	75%	33%	43%	63%	70%	69%
Drug-related	35%	40%	25%	67%	57%	38%	30%	31%
Manner of death								
Suicide	21%	20%	24%	—	32%	23%	15%	22%
Accidental/unexpected	64%	68%	55%	67%	62%	68%	70%	57%
All others	15%	12%	22%	33%	7%	9%	15%	21%

Top 10 drugs mentioned



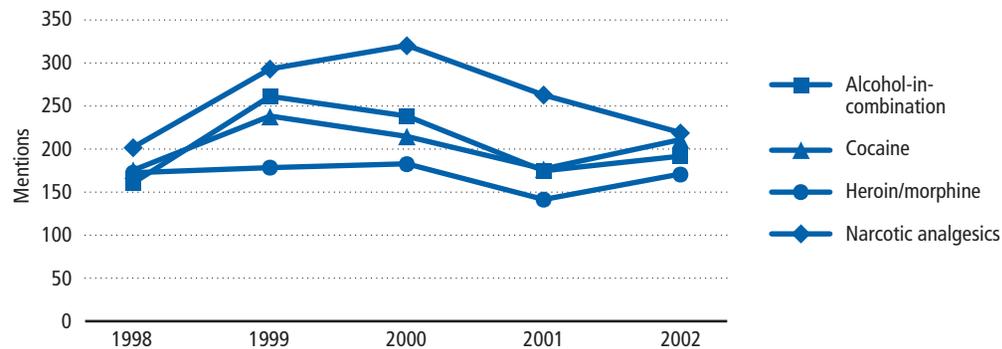
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	159	259	236	173	190	N/A
Cocaine	174	236	213	175	209	35
Heroin/morphine	171	177	181	140	169	19
Marijuana	—	3	8	1	1	1
Amphetamines	47	72	78	107	112	—
Methamphetamine	60	94	109	122	132	2
Club drugs ¹	—	6	6	1	5	1
Hallucinogens ²	1	1	4	4	4	1
Inhalants	—	5	1	—	—	—
Narcotic analgesics ³	200	291	318	261	217	16
Other analgesics	23	15	26	26	17	3
Benzodiazepines	90	95	104	80	81	3
Antidepressants	135	223	242	168	85	—
All other substances ³	303	484	452	320	129	9
Total drug mentions	1,363	1,961	1,978	1,578	1,351	90
Total drug deaths	390	560	587	453	516	90
Total deaths certified	3,671	3,838	3,858	4,050	3,995	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

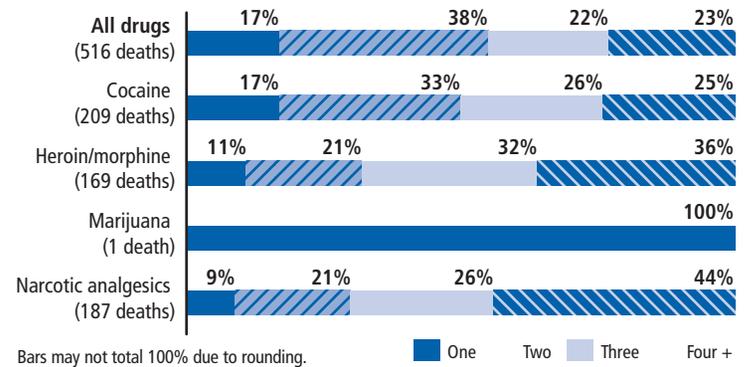


Selected drug combinations by cause and manner of death

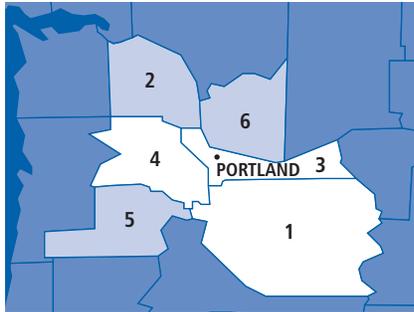
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	35	7	7	18	10
Alcohol + cocaine	43	15	8	28	7
Heroin/morphine only	19	14	1	14	4
Narcotic analgesics only	16	11	4	8	4
Cocaine + heroin/morphine	14	14	—	14	—
Alcohol + heroin/morphine	9	8	—	9	—
Alcohol + cocaine + heroin/morphine	22	21	—	19	3
Heroin/morphine + narcotic analgesics	10	8	2	6	2
Marijuana only	1	—	—	—	1
Cocaine + narcotic analgesics	6	4	2	4	—
Cocaine + heroin/morphine + narcotic analgesics	9	8	—	8	1
All other drugs/combinations	332	223	85	202	45
Total	516	333	109	330	77

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Portland, OR



Metro area population, 2002
2,006,308
Percent of population covered
by DAWN
75%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Oregon jurisdictions					
1. Clackamas County	18	17	1	217	351,815
2. Columbia County					45,313
3. Multnomah County*	113	102	11	911	677,626
4. Washington County	10	10	—	187	473,263
5. Yamhill County					88,055
Washington jurisdictions					
6. Clark County					370,236
Total participating (3)	141	129	12	1,315	1,502,704

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

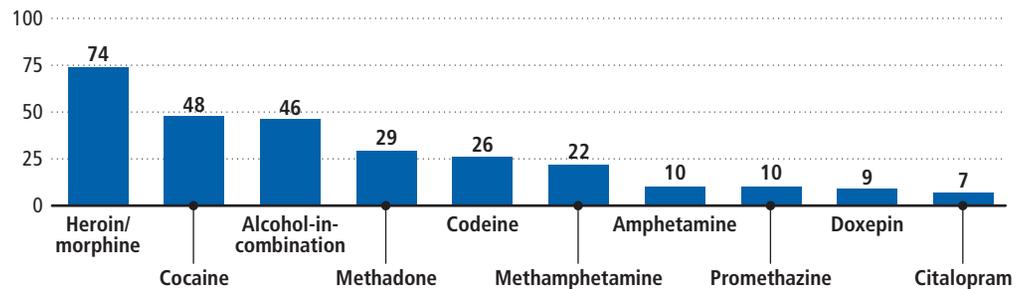
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age			Race/Ethnicity	
Male	100	6-17	—	White	121	
Female	41	18-24	7	Black	12	
		25-34	27	Hispanic	2	
		35-44	52	All others	6	
		45-97	55			

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	33%	35%	27%	—	71%	30%	23%	38%
Number of drugs involved								
Single-drug	18%	19%	17%	—	14%	4%	17%	27%
Multi-drug	82%	81%	83%	—	86%	96%	83%	73%
Cause of death								
Drug-induced	91%	91%	93%	—	86%	100%	94%	85%
Drug-related	9%	9%	7%	—	14%	—	6%	15%
Manner of death								
Suicide	11%	8%	20%	—	14%	4%	10%	16%
Accidental/unexpected	75%	78%	68%	—	57%	89%	83%	64%
All others	13%	14%	12%	—	29%	7%	8%	20%

Top 10 drugs mentioned



SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	81	77	66	51	46	N/A
Cocaine	57	60	52	44	48	8
Heroin/morphine	127	142	107	84	74	8
Marijuana	—	—	—	—	—	—
Amphetamines	5	15	10	19	10	—
Methamphetamine	9	4	4	17	22	5
Club drugs ¹	—	—	1	—	—	—
Hallucinogens ²	—	1	—	—	—	—
Inhalants	1	2	—	—	—	—
Narcotic analgesics ³	16	26	22	50	60	3
Other analgesics	—	3	—	4	3	—
Benzodiazepines	11	9	8	9	5	—
Antidepressants	18	26	26	49	53	2
All other substances ³	17	24	39	34	32	—
Total drug mentions	342	389	335	361	353	26
Total drug deaths	175	191	168	157	141	26
Total deaths certified	1,272	1,187	1,154	1,221	1,315	N/A

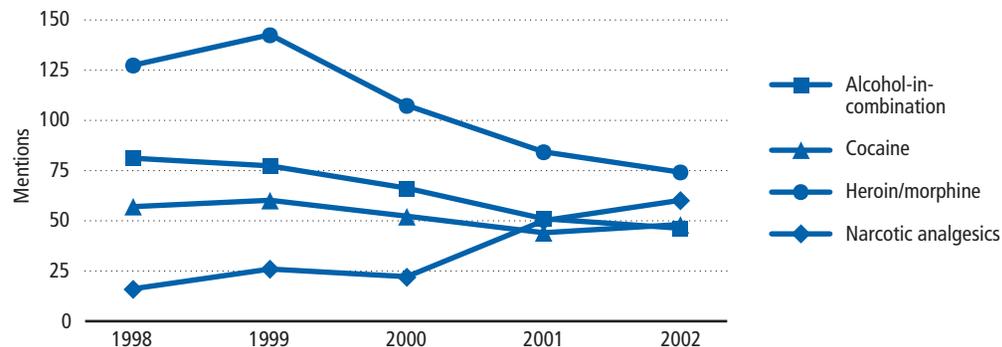
¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Selected drug combinations by cause and manner of death

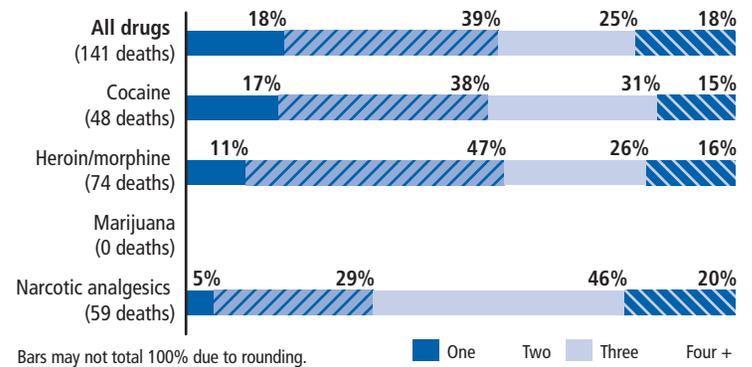
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	8	5	1	5	2
Alcohol + cocaine	4	1	2	1	1
Heroin/morphine only	8	8	1	6	1
Narcotic analgesics only	3	3	—	3	—
Cocaine + heroin/morphine	13	13	—	13	—
Alcohol + heroin/morphine	12	12	—	11	1
Alcohol + cocaine + heroin/morphine	1	1	—	—	1
Heroin/morphine + narcotic analgesics	8	8	—	8	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	1	1	—	1	—
Cocaine + heroin/morphine + narcotic analgesics	10	10	—	9	1
All other drugs/combinations	73	67	12	49	12
Total	141	129	16	106	19

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary

Recent trends in major drugs of abuse

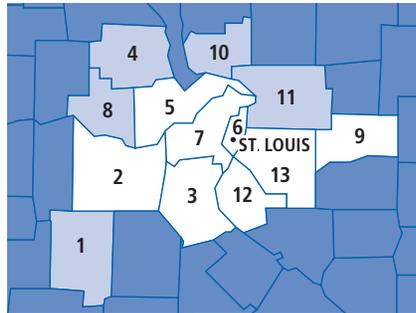


Number of drugs involved in deaths, selected drug categories



Bars may not total 100% due to rounding.

St. Louis, MO



Metro area population, 2002
2,657,098
Percent of population covered
by DAWN
86%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
Missouri jurisdictions					
1. Crawford County					23,173
2. Franklin County	16	4	12	353	95,890
3. Jefferson County	20	5	15	575	203,993
4. Lincoln County					42,280
5. St. Charles County	23	16	7	837	303,030
6. St. Louis City*	73	45	28	2,485	338,353
7. St. Louis County*	158	66	92	4,574	1,018,102
8. Warren County					26,193
Illinois jurisdictions					
9. Clinton County	—	—	—	83	35,855
10. Jersey County					21,858
11. Madison County					261,409
12. Monroe County	—	—	—	31	29,058
13. St. Clair County	8	1	7	1,383	257,904
Total participating (8)	298	137	161	10,321	2,282,185

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

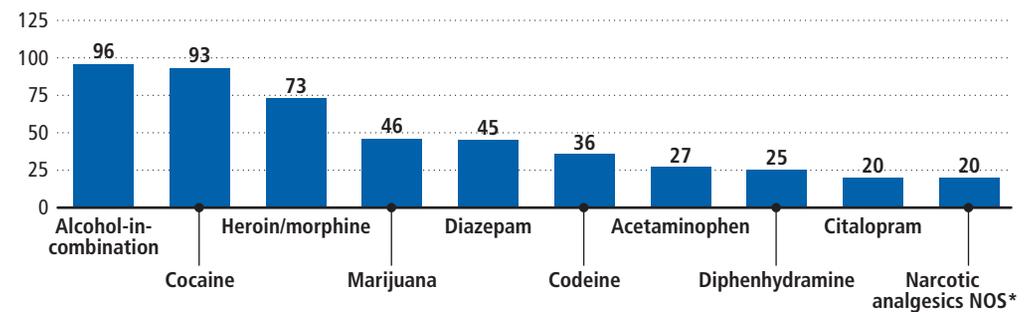
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	32%	33%	30%	—	18%	31%	43%	30%
Number of drugs involved								
Single-drug	27%	30%	21%	50%	29%	25%	17%	33%
Multi-drug	73%	70%	79%	50%	71%	75%	83%	67%
Cause of death								
Drug-induced	46%	46%	45%	—	47%	53%	54%	39%
Drug-related	54%	54%	55%	100%	53%	47%	46%	61%
Manner of death								
Suicide	28%	28%	26%	25%	26%	29%	22%	31%
Accidental/unexpected	55%	57%	53%	75%	58%	65%	58%	48%
All others	17%	15%	21%	—	16%	6%	20%	20%

Top 10 drugs mentioned



* NOS = Not otherwise specified.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

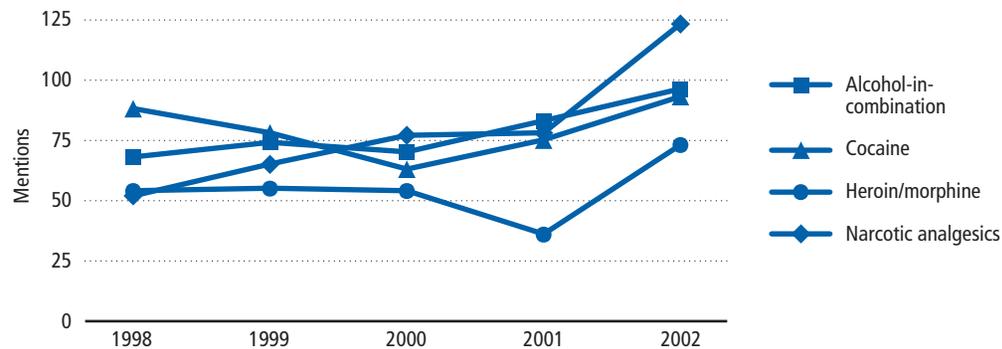
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	68	74	70	83	96	N/A
Cocaine	88	78	63	75	93	24
Heroin/morphine	54	55	54	36	73	4
Marijuana	47	60	49	39	46	8
Amphetamines	3	7	7	5	7	2
Methamphetamine	7	9	9	3	6	2
Club drugs ¹	—	3	2	1	2	—
Hallucinogens ²	1	2	3	6	2	1
Inhalants	1	1	2	—	3	1
Narcotic analgesics ³	52	65	77	78	123	7
Other analgesics	36	31	26	37	39	5
Benzodiazepines	60	65	60	59	67	3
Antidepressants	45	38	49	76	80	11
All other substances ³	47	82	94	111	80	12
Total drug mentions	509	570	565	609	717	80
Total drug deaths	231	262	234	264	298	80
Total deaths certified	9,613	9,988	9,939	10,205	10,321	N/A

This table includes only those counties that provided data for every year shown. Madison County did not provide data in 2001 or 2002 and is not included in this table.

¹ Includes Ecstasy (MDMA), Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

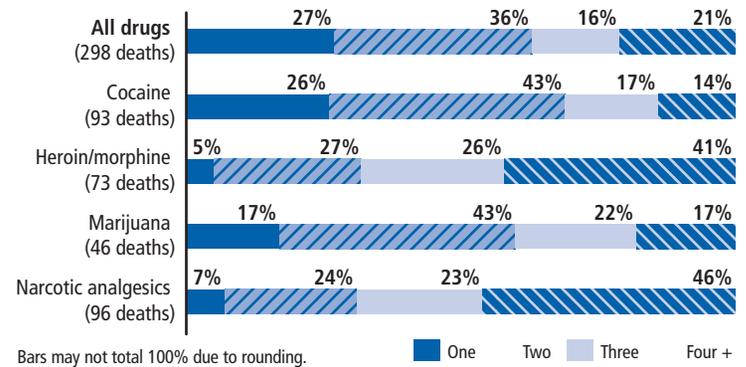


Selected drug combinations by cause and manner of death

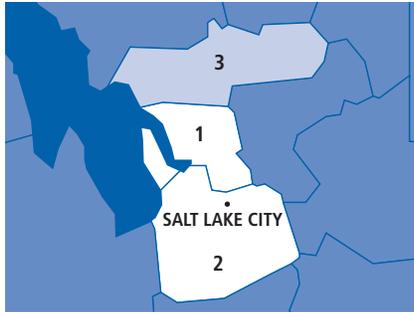
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	24	10	3	21	—
Alcohol + cocaine	21	4	6	14	1
Heroin/morphine only	4	4	1	3	—
Narcotic analgesics only	7	1	1	1	5
Cocaine + heroin/morphine	6	6	—	5	1
Alcohol + heroin/morphine	1	1	—	1	—
Alcohol + cocaine + heroin/morphine	1	1	—	1	—
Heroin/morphine + narcotic analgesics	5	4	—	4	1
Marijuana only	8	—	4	1	3
Cocaine + narcotic analgesics	2	—	1	1	—
Cocaine + heroin/morphine + narcotic analgesics	5	4	1	4	—
All other drugs/combinations	214	102	65	109	40
Total	298	137	82	165	51

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary

Number of drugs involved in deaths, selected drug categories



Salt Lake City, UT



Metro area population, 2002
1,372,699
Percent of population covered
by DAWN
85%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Davis County	7	7	—	116	249,224
2. Salt Lake County*	62	58	4	807	919,308
3. Weber County	—	—	—	—	204,167
Total participating (2)	69	65	4	923	1,168,532

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

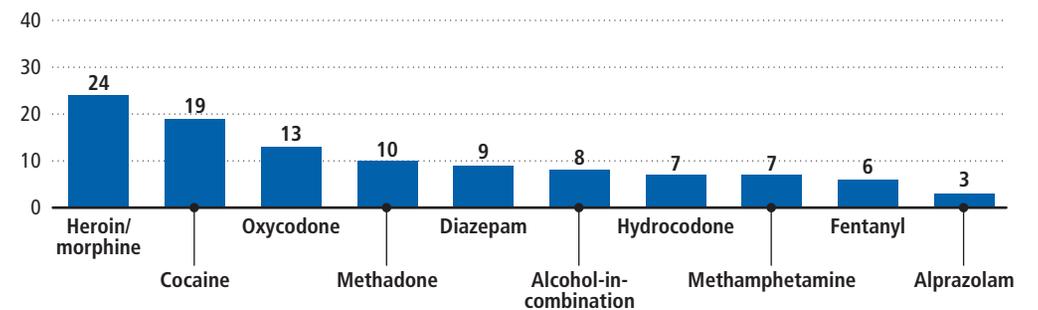
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age			Race/Ethnicity	
Male	49	6-17	—	White	65	
Female	20	18-24	5	Black	1	
		25-34	10	Hispanic	3	
		35-44	24	All others	—	
		45-97	29			

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	12%	14%	5%	—	—	10%	21%	7%
Number of drugs involved								
Single-drug	35%	39%	25%	—	60%	60%	33%	23%
Multi-drug	65%	61%	75%	—	40%	40%	67%	77%
Cause of death								
Drug-induced	94%	92%	100%	—	100%	100%	92%	93%
Drug-related	6%	8%	—	—	—	—	8%	7%
Manner of death								
Suicide	12%	10%	15%	—	20%	—	8%	17%
Accidental/unexpected	14%	18%	5%	—	—	20%	8%	20%
All others	74%	71%	80%	—	80%	80%	83%	63%

Top 10 drugs mentioned



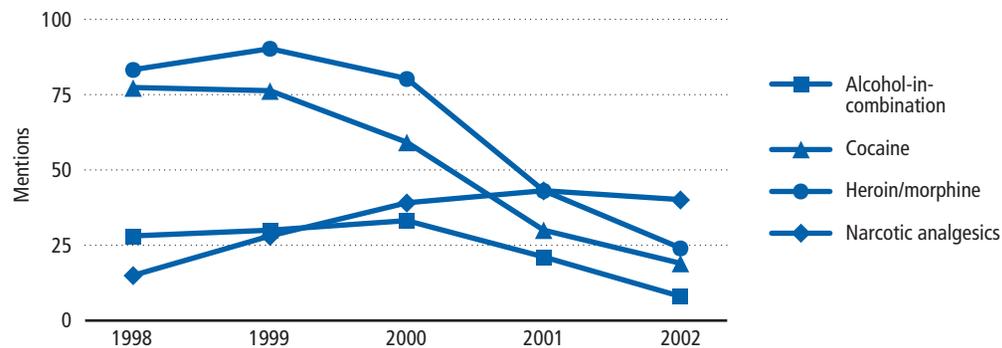
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	28	30	33	21	8	N/A
Cocaine	77	76	59	30	19	5
Heroin/morphine	83	90	80	43	24	7
Marijuana	1	1	—	2	1	—
Amphetamines	15	24	12	9	1	—
Methamphetamine	22	24	15	8	7	3
Club drugs ¹	—	1	2	1	—	—
Hallucinogens ²	—	—	1	1	—	—
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	15	28	39	43	40	6
Other analgesics	2	2	3	7	3	1
Benzodiazepines	5	8	14	13	14	—
Antidepressants	4	9	8	7	7	1
All other substances ³	9	9	15	24	16	1
Total drug mentions	261	302	281	209	140	24
Total drug deaths	118	147	129	98	69	24
Total deaths certified	802	820	805	917	923	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

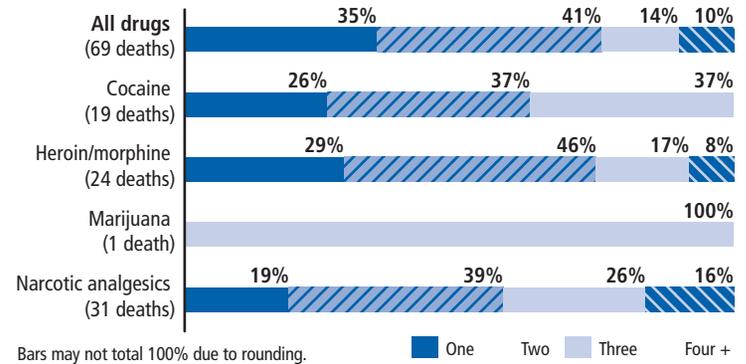


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	5	3	—	1	4
Alcohol + cocaine	1	1	—	—	1
Heroin/morphine only	7	7	—	1	6
Narcotic analgesics only	6	6	—	1	5
Cocaine + heroin/morphine	6	5	—	—	6
Alcohol + heroin/morphine	2	2	—	—	2
Alcohol + cocaine + heroin/morphine	—	—	—	—	—
Heroin/morphine + narcotic analgesics	—	—	—	—	—
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	—	—	—	—	—
Cocaine + heroin/morphine + narcotic analgesics	3	2	—	1	2
All other drugs/combinations	39	39	8	6	25
Total	69	65	8	10	51

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary

Number of drugs involved in deaths, selected drug categories



San Diego, CA



Metro area population, 2002
2,906,660
Percent of population covered
by DAWN
100%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. San Diego County	376	195	181	2,446	2,906,660
Total participating (1)	376	195	181	2,446	2,906,660

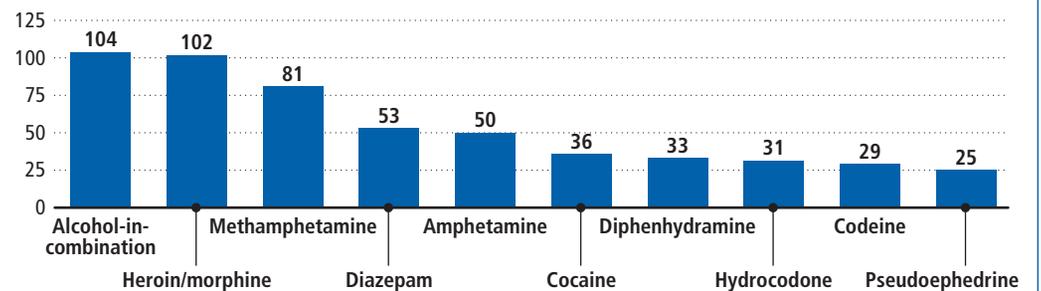
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age		Race/Ethnicity	
Male	236	6-17	3	White	283
Female	140	18-24	25	Black	27
		25-34	60	Hispanic	49
		35-44	84	All others	17
		45-97	204		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	28%	33%	19%	—	28%	35%	32%	24%
Number of drugs involved								
Single-drug	22%	21%	24%	100%	20%	22%	13%	25%
Multi-drug	78%	79%	76%	—	80%	78%	87%	75%
Cause of death								
Drug-induced	52%	51%	54%	—	48%	60%	55%	50%
Drug-related	48%	49%	46%	100%	52%	40%	45%	50%
Manner of death								
Suicide	18%	14%	24%	—	12%	23%	14%	18%
Accidental/unexpected	64%	70%	54%	67%	76%	67%	74%	58%
All others	18%	16%	22%	33%	12%	10%	12%	24%

Top 10 drugs mentioned



SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

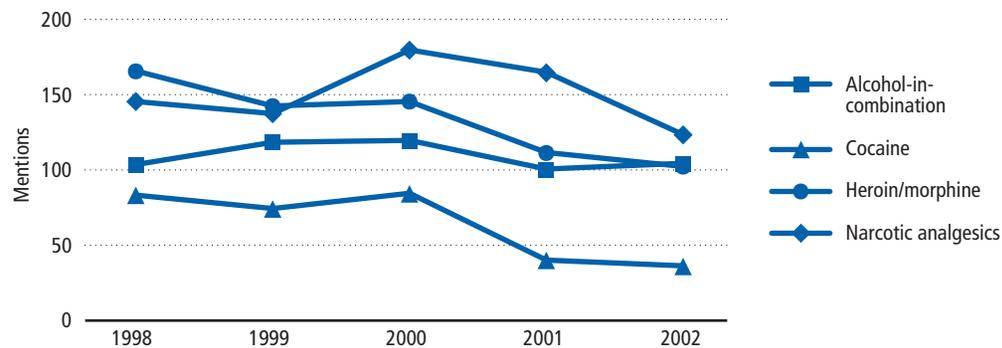
Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	103	118	119	100	104	N/A
Cocaine	83	74	84	40	36	9
Heroin/morphine	165	142	145	111	102	16
Marijuana	—	1	—	5	1	—
Amphetamines	66	73	74	84	50	1
Methamphetamine	84	88	112	94	81	10
Club drugs ¹	2	5	3	9	6	—
Hallucinogens ²	1	1	—	—	2	1
Inhalants	—	—	—	2	1	—
Narcotic analgesics ³	145	137	179	164	123	10
Other analgesics	19	25	22	26	37	2
Benzodiazepines	46	59	58	81	94	5
Antidepressants	70	109	67	98	119	4
All other substances ³	82	110	124	91	183	24
Total drug mentions	866	942	987	905	939	82
Total drug deaths	336	356	360	312	376	82
Total deaths certified	1,640	2,271	2,436	2,439*	2,446	N/A

* Total certified deaths for 2001 have been updated since the 2001 publication of this report.

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

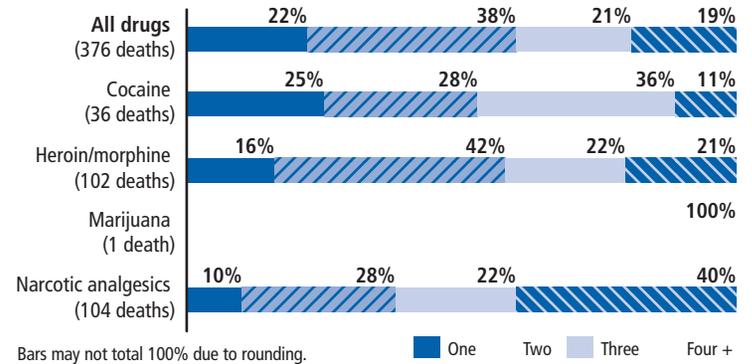


Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	9	3	—	7	2
Alcohol + cocaine	4	1	—	3	1
Heroin/morphine only	16	7	—	14	2
Narcotic analgesics only	10	4	—	8	2
Cocaine + heroin/morphine	3	3	—	3	—
Alcohol + heroin/morphine	16	15	—	16	—
Alcohol + cocaine + heroin/morphine	5	4	—	4	1
Heroin/morphine + narcotic analgesics	12	11	—	11	1
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	1	1	1	—	—
Cocaine + heroin/morphine + narcotic analgesics	1	1	—	1	—
All other drugs/combinations	299	145	65	174	60
Total	376	195	66	241	69

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



San Francisco, CA



Metro area population, 2002
1,714,832
Percent of population covered
by DAWN
100%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Marin County	24	20	4	261	247,581
2. San Francisco County*	143	94	49	1,290	764,049
3. San Mateo County	45	35	10	2,444	703,202
Total participating (3)	212	149	63	3,995	1,714,832

* Indicates area featured in Spotlight section.

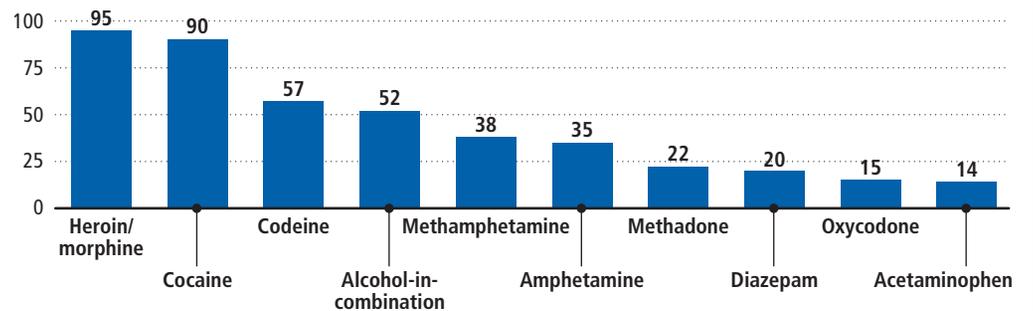
Drug abuse deaths by sex, age and race/ethnicity

Sex	Age	Race/Ethnicity
Male	6-17	White
Female	18-24	Black
	25-34	Hispanic
	35-44	All others
	45-97	

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	25%	26%	22%	—	11%	33%	15%	29%
Number of drugs involved								
Single-drug	21%	21%	22%	—	22%	17%	27%	19%
Multi-drug	79%	79%	78%	—	78%	83%	73%	81%
Cause of death								
Drug-induced	70%	68%	75%	—	89%	67%	73%	68%
Drug-related	30%	32%	25%	—	11%	33%	27%	32%
Manner of death								
Suicide	18%	15%	25%	—	33%	23%	18%	15%
Accidental/unexpected	61%	63%	57%	—	67%	53%	62%	63%
All others	21%	22%	18%	—	—	23%	20%	23%

Top 10 drugs mentioned



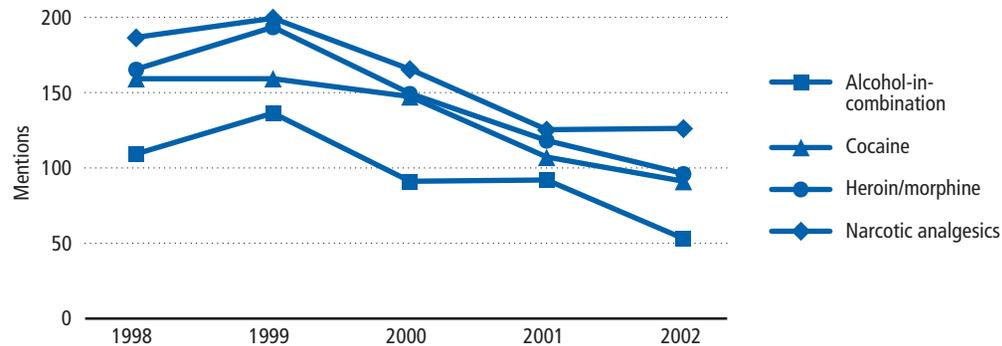
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2002 (09/2003 update).

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	108	135	90	91	52	N/A
Cocaine	158	158	146	106	90	24
Heroin/morphine	164	192	148	117	95	6
Marijuana	5	5	1	5	3	2
Amphetamines	31	38	35	31	35	—
Methamphetamine	45	58	45	32	38	4
Club drugs ¹	2	6	6	5	4	1
Hallucinogens ²	1	3	1	1	—	—
Inhalants	—	1	—	—	—	—
Narcotic analgesics ³	185	198	164	124	125	1
Other analgesics	19	21	16	21	21	5
Benzodiazepines	62	50	55	56	34	—
Antidepressants	56	88	70	101	62	—
All other substances ³	112	134	95	136	79	2
Total drug mentions	948	1,087	872	826	638	45
Total drug deaths	322	362	286	274	212	45
Total deaths certified	4,119	3,964	3,739	3,837	3,995	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

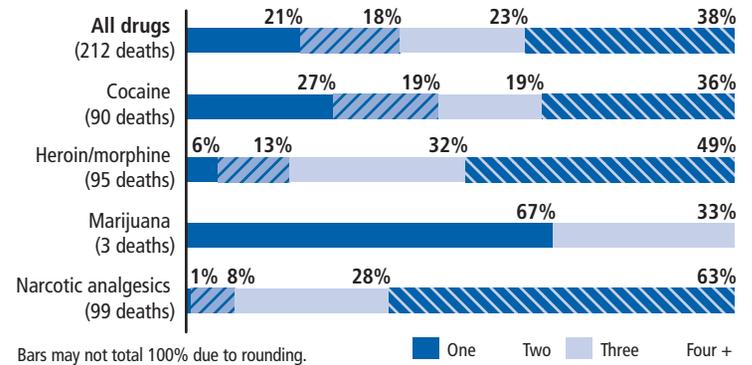


Selected drug combinations by cause and manner of death

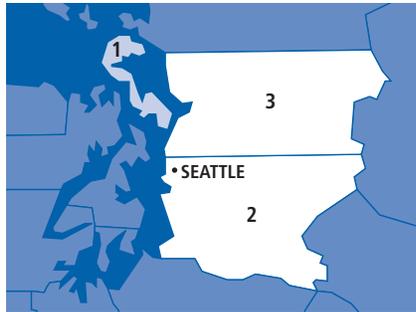
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	24	10	2	14	8
Alcohol + cocaine	6	1	1	3	2
Heroin/morphine only	6	4	—	4	2
Narcotic analgesics only	1	—	—	1	—
Cocaine + heroin/morphine	6	3	—	4	2
Alcohol + heroin/morphine	2	1	—	—	2
Alcohol + cocaine + heroin/morphine	2	2	—	2	—
Heroin/morphine + narcotic analgesics	4	4	—	3	1
Marijuana only	2	—	1	—	1
Cocaine + narcotic analgesics	2	1	—	2	—
Cocaine + heroin/morphine + narcotic analgesics	12	11	—	12	—
All other drugs/combinations	145	112	34	85	26
Total	212	149	38	130	44

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Seattle, WA



Metro area population, 2002
2,468,601
Percent of population covered
by DAWN
97%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. Island County					75,050
2. King County*	181	181	—	1,444	1,759,604
3. Snohomish County	69	69	—	530	633,947
Total participating (2)	250	250	—	1,974	2,393,551

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

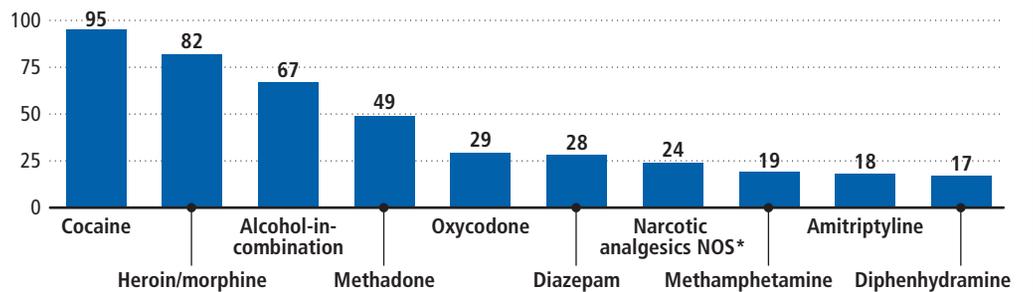
Drug abuse deaths by sex, age and race/ethnicity

Sex		Age			Race/Ethnicity	
Male	160	6-17	—		White	220
Female	90	18-24	11		Black	17
		25-34	48		Hispanic	2
		35-44	86		All others	11
		45-97	105			

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	27%	31%	19%	—	9%	31%	34%	21%
Number of drugs involved								
Single-drug	25%	26%	22%	—	45%	33%	19%	24%
Multi-drug	75%	74%	78%	—	55%	67%	81%	76%
Cause of death								
Drug-induced	100%	100%	100%	—	100%	100%	100%	100%
Drug-related	—	—	—	—	—	—	—	—
Manner of death								
Suicide	10%	7%	17%	—	27%	2%	10%	12%
Accidental/unexpected	80%	85%	71%	—	64%	85%	84%	76%
All others	10%	8%	12%	—	9%	13%	6%	11%

Top 10 drugs mentioned



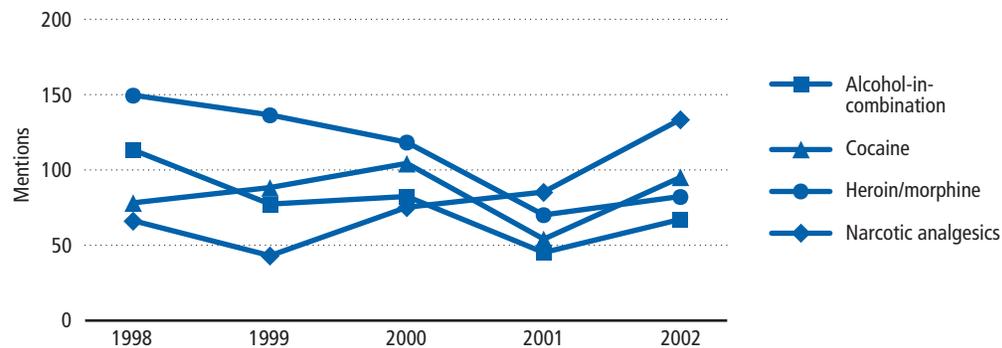
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	113	77	82	45	67	N/A
Cocaine	78	88	104	54	95	19
Heroin/morphine	149	136	118	70	82	17
Marijuana	1	—	1	—	—	—
Amphetamines	—	2	1	—	1	—
Methamphetamine	4	30	15	8	19	3
Club drugs ¹	—	2	3	3	4	2
Hallucinogens ²	—	—	—	—	1	—
Inhalants	—	—	1	—	1	1
Narcotic analgesics ³	66	43	75	85	133	14
Other analgesics	14	18	26	18	16	3
Benzodiazepines	41	26	33	29	44	—
Antidepressants	80	74	83	93	91	3
All other substances ³	62	66	51	67	81	—
Total drug mentions	608	562	593	472	635	62
Total drug deaths	251	251	264	188	250	62
Total deaths certified	1,809	1,785	1,858	1,839	1,974	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB—GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse

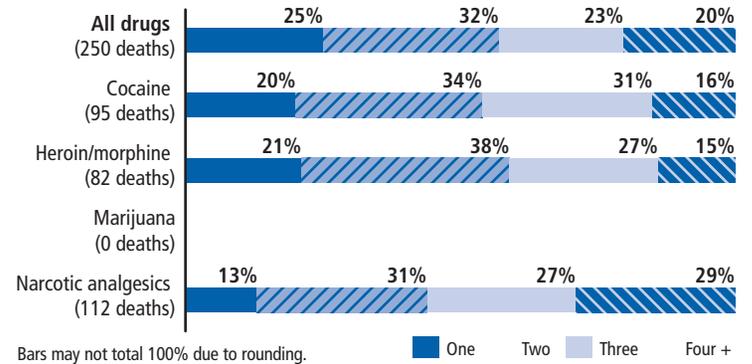


Selected drug combinations by cause and manner of death

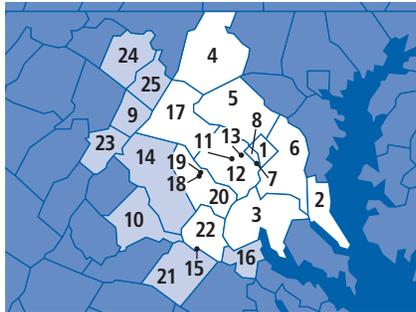
Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	19	19	1	18	—
Alcohol + cocaine	4	4	—	3	1
Heroin/morphine only	17	17	—	17	—
Narcotic analgesics only	14	14	1	10	3
Cocaine + heroin/morphine	19	19	—	19	—
Alcohol + heroin/morphine	7	7	—	7	—
Alcohol + cocaine + heroin/morphine	12	12	—	10	2
Heroin/morphine + narcotic analgesics	2	2	—	1	1
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	8	8	—	8	—
Cocaine + heroin/morphine + narcotic analgesics	1	1	—	1	—
All other drugs/combinations	147	147	24	106	17
Total	250	250	26	200	24

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary.

Number of drugs involved in deaths, selected drug categories



Washington, DC



Metro area population, 2002
5,162,029
Percent of population covered
by DAWN
91%

Metro area overview: Deaths and population by county, 2002

Metro area component	Deaths involving drug abuse			Total deaths certified	Total population (2002)
	TOTAL	Drug-induced	Drug-related		
1. District of Columbia*	91	53	38	1,754	570,898
Maryland jurisdictions					
2. Calvert County	7	7	—	86	80,906
3. Charles County	14	10	4	97	129,040
4. Frederick County	14	12	2	158	209,125
5. Montgomery County*	24	15	9	418	910,156
6. Prince George's County*	56	32	24	932	833,084
Virginia jurisdictions					
7. Alexandria City	3	3	—	77	130,804
8. Arlington County	4	4	—	111	189,927
9. Clarke County	—	—	—	—	13,290
10. Culpeper County	—	—	—	—	36,893
11. Fairfax City	—	—	—	—	22,055
12. Fairfax County	25	25	—	537	997,580
13. Falls Church City	1	1	—	4	10,659
14. Fauquier County	—	—	—	—	59,245
15. Fredericksburg City	—	—	—	—	20,076
16. King George County	—	—	—	—	17,657
17. Loudoun County	3	3	—	56	204,054
18. Manassas City	4	4	—	67	37,288
19. Manassas Park City	—	—	—	—	10,909
20. Prince William County	8	8	—	91	311,892
21. Spotsylvania County	—	—	—	—	102,570
22. Stafford County	—	—	—	21	104,823
23. Warren County	—	—	—	—	32,910
West Virginia jurisdictions					
24. Berkeley County	—	—	—	—	81,262
25. Jefferson County	—	—	—	—	44,926
Total participating (14)	254	177	77	4,409	4,720,236

Shaded areas did not participate in DAWN in 2002.

* Indicates area featured in Spotlight section.

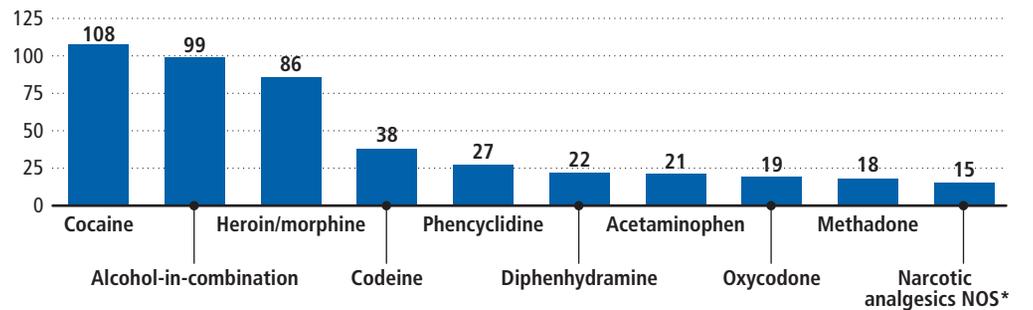
Drug abuse deaths by sex, age and race/ethnicity

Sex	Count	Age	Count	Race/Ethnicity	Count
Male	183	6-17	—	White	123
Female	71	18-24	27	Black	118
		25-34	35	Hispanic	8
		35-44	90	All others	5
		45-97	100		

Drug involvement in death by sex and age of decedent

	TOTAL	Sex		Age				
		Male	Female	6-17	18-24	25-34	35-44	45-97
Alcohol involved	39%	40%	35%	—	30%	31%	40%	43%
Number of drugs involved								
Single-drug	27%	29%	21%	—	26%	23%	24%	30%
Multi-drug	73%	71%	79%	—	74%	77%	76%	70%
Cause of death								
Drug-induced	70%	66%	80%	—	63%	80%	70%	68%
Drug-related	30%	34%	20%	—	37%	20%	30%	32%
Manner of death								
Suicide	15%	15%	17%	—	33%	14%	18%	9%
Accidental/unexpected	50%	51%	46%	—	37%	49%	56%	49%
All others	35%	34%	37%	—	30%	37%	27%	42%

Top 10 drugs mentioned



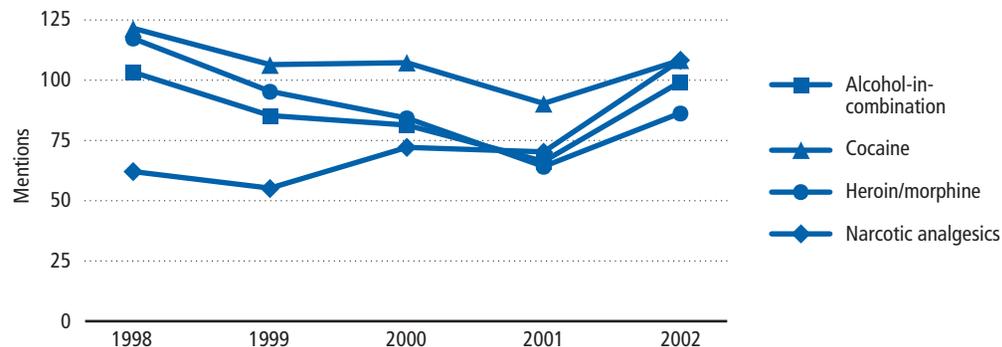
* NOS = Not otherwise specified.

Drug mentions by drug category

Drug category	1998	1999	2000	2001	2002	Single-drug deaths, 2002
Alcohol-in-combination	103	85	81	66	99	N/A
Cocaine	121	106	107	90	108	31
Heroin/morphine	117	95	84	64	86	11
Marijuana	—	—	3	1	—	—
Amphetamines	—	—	1	—	1	—
Methamphetamine	1	5	1	1	1	—
Club drugs ¹	—	—	1	1	2	—
Hallucinogens ²	4	4	9	11	27	11
Inhalants	—	—	—	—	—	—
Narcotic analgesics ³	62	55	72	70	108	7
Other analgesics	25	24	22	14	25	2
Benzodiazepines	23	19	22	19	21	1
Antidepressants	50	57	47	58	64	2
All other substances ³	117	101	75	77	100	3
Total drug mentions	623	551	525	472	642	68
Total drug deaths	281	239	235	193	254	68
Total deaths certified	4,631	4,713	4,235	4,201	4,409	N/A

¹ Includes Ecstasy [MDMA], Ketamine, GHB-GBL, and Rohypnol. ² Includes PCP, LSD, and miscellaneous hallucinogens. ³ Not tabulated above.

Recent trends in major drugs of abuse



Selected drug combinations by cause and manner of death

Combination	TOTAL	Drug-induced*	Manner		
			Suicide	Accidental/unexpected	All others
Cocaine only	31	15	2	22	7
Alcohol + cocaine	24	16	2	16	6
Heroin/morphine only	11	9	1	4	6
Narcotic analgesics only	7	6	—	7	—
Cocaine + heroin/morphine	6	5	—	4	2
Alcohol + heroin/morphine	7	6	—	6	1
Alcohol + cocaine + heroin/morphine	4	3	—	4	—
Heroin/morphine + narcotic analgesics	7	6	—	4	3
Marijuana only	—	—	—	—	—
Cocaine + narcotic analgesics	6	4	1	4	1
Cocaine + heroin/morphine + narcotic analgesics	2	1	—	2	—
All other drugs/combinations	149	106	33	54	62
Total	254	177	39	127	88

* This column shows the number of deaths directly caused by the listed substances (i.e., overdoses). See Glossary

Number of drugs involved in deaths, selected drug categories

